titan
group of companies

PRODUCT CATALOGUE

Petrochemical production

WE CREATE CONDITIONS FOR GROWTH

Group of companies Titan

It is one of the largest private companies of Siberia, founded in 1989.

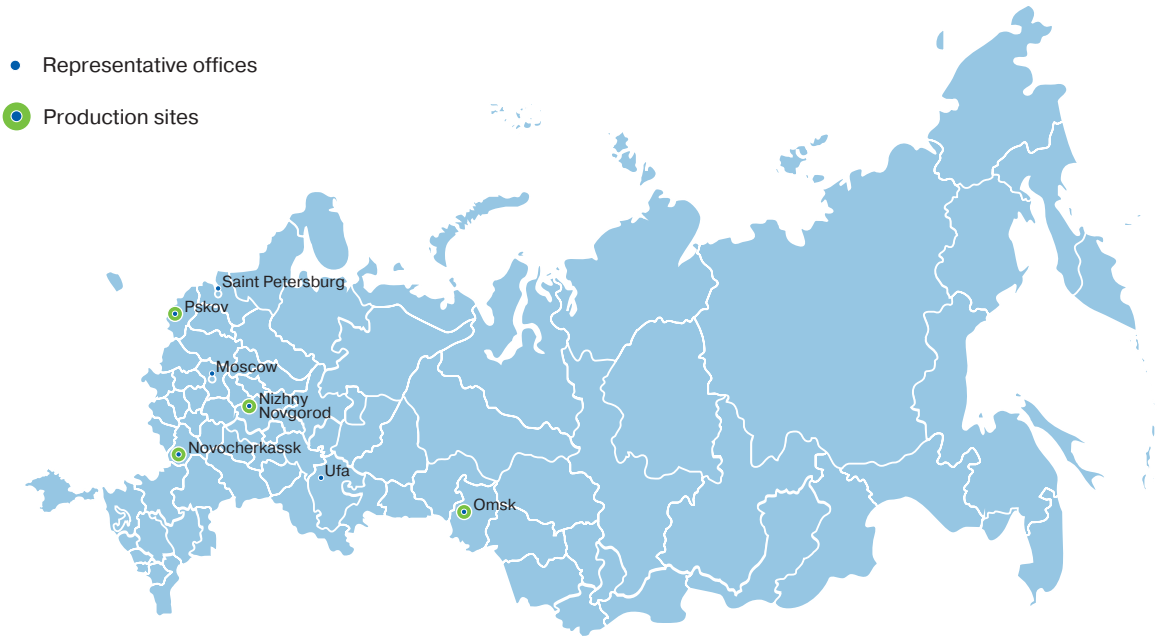
It includes 13 enterprises (within the IFRS perimeter). In the year 2022 the consolidated revenue of the Group of companies Titan amounted to 47 bln rubles.

ENTERPRISES OF THE PETROCHEMICAL COMPLEX

- **AO "Omsky kauchuk"** (production of synthetic rubbers, organic synthesis products, high-octane fuel components and other products of hydrocarbon feedstock refining);
- **Titan-SM, Limited company** (production of plastic lubricants and oils, cold proof coolants, anti-freeze liquids, car chemicals, car care products), having four production sites in the Russian Federation
- **"Titan-Polymer" LLC** (BOPET film production, polymer production project is in the implementation status).

ENTERPRISES OF THE AGRO-INDUSTRIAL COMPLEX

- "**Titan-Agro" Ltd.** (agro-industrial complex investment project implementation), including three structural subdivisions: Pig-breeding complex"Petrovsky", Feed mill "Pushkinsky" and Meat processing plant "Pushkinsky".



The range of output products and rendered services includes **about 200 items**.

The products of the Group of companies Titan are in demand by consumers and occupy significant shares in the total Russian consumption:

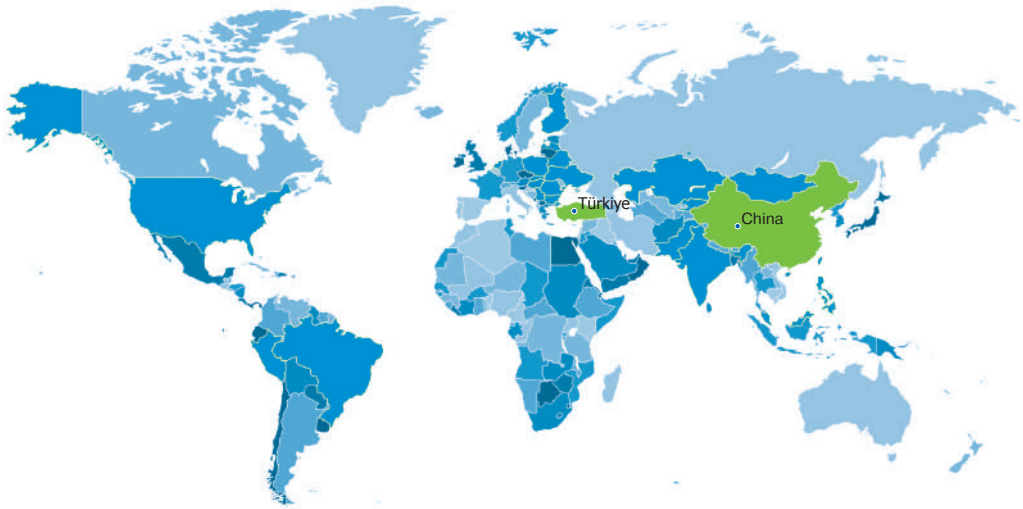
- SBR (SKMS) rubbers – **26%**
- Phenol – **24%**
- MTBE – **21%**
- Acetone – **22%**
- IPA – **36%**
- Cumene – **88%**

The main production site of the company is located on the territory of Omsk region; affiliated and dependent organizations are represented in Russia (Moscow, Saint Petersburg, Republic of Bashkortostan, Nizhny Novgorod, Tula, Rostov and Pskov regions etc.) and CIS countries. The number of employees of the Group of companies is about **4000 people**.

The integrated management system has been introduced at the enterprises of the Group of companies Titan that meets the requirements of the international standards ISO 9001, ISO 14001, OHSAS 18001. The formation of consolidated financial statements is carried out in accordance with the **International Financial Reporting Standards (IFRS)**.

Throughout the course of its history the Group of companies Titan supports children's and mass sports, veteran organizations, educational and cultural institutions and provides significant assistance in the implementation of social programs.

The environmental program of the GC Titan includes events for reducing the burden on the environment and implementation of eco-projects. A comprehensive program of the production modernization, including activities within the framework of the Clean Air Federal Project, by the beginning of 2024 will have allowed the AO "Omsky kauchuk" to reduce the total emission of pollutants by more than 23% in comparison with the level of 2017. During the construction of new production facilities, the GC Titan chooses the best available technologies, where the minimum impact on the environment has already been foreseen (for example, Titan-Polymer plant). The environmental program of the GC Titan which is called Eco-Saturday includes the Eco-Saturday Federal Environmental project, aimed at introducing eco-habits and development of ecological infrastructure.



INVESTMENT PROJECTS OF THE GC TITAN

On the territory of Omsk region at the initiative of the GC Titan and with the support of the regional governments the projects are implemented aimed at creating new high-technology production facilities, including those on the terms of the public-private partnership. Only for the last 10 years about 25 billion rubles have been attracted to the economy of Omsk region.

The Group of companies Titan implemented more than 10 large investment projects, including greenfield projects in the field of petrochemistry, power engineering and agrarian industry.

PROJECTS AT THE STAGE OF IMPLEMENTATION :

- creation of a complex for the production of polyethylene terephthalate (PET) and polybuthylene terephthalate (PBT);
- Increasing MTBE production capacity to 330 thousand tons per year with the transfer to the ETBE production from bioethanol;
- production of Bisphenol A, epichlorohydrin, epoxy resins;
- construction of combined cycle gas turbine unit (PGU-120);
- extension of feedstock and commodity tank farms;
- Modernization of the transport and logistics network;
- creation of the micronized silica gel and stable silica sol production facilities (Dzerzhinsk);
- creation of production of low-molecular polyisobutylene (PIB);
- production of isophorone, methionine, methylmercaptan, acrolein, potassium citrate, magnesium citrate.

ADVANCED PRODUCTS OF THE GC TITAN

- polyisobutylenes
- epichlorohydrin
- bisphenol A
- epoxy resins
- polycarbonate
- PET pellets
- PVC plastifiers
- bioethanol
- ETBE
- DDGS
- organic acids
- biopolymers
- wheat gluten

POSITION IN RATING LISTS

The Group of companies Titan:

- Since the year 2006 it has been included in the competent federal ratings, such as Forbes, RAEX-600, RBK “Top 500 Russian Largest Companies” and others;
- Is regularly included in the top 10 largest regional taxpayers to the different level budgets.

DIPLOMAS AND AWARDS

- grand prix for the contribution to the petrochemical industry development of the Russian Federation;
- diplomas and medals of international exhibitions“Chemistry”, “Tires, general mechanical rubber goods, rubbers”;
- diplomas of the contest “100 best goods of Russia”;
- title “The Best Russian Exporter”;
- distinction marks for active investment activity on the territory of Omsk region;
- All-Russian award“Ecological development – Evolution Awards» – the Best producer of environmentally efficient equipment;
- ChemiCos Unique prize for the voluntary program implementation “Kind Titan”.

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Omsky kauchuk

ENTERPRISE PROFILE

The AO “Omsky kauchuk” traces its history from October 24, 1962. At present the company employs more than 3000 workers, output of petrochemical processing and organic synthesis products has been organized: various types of rubbers, phenol and acetone, high-octane fuel components, including methyl-tert-butyl ether and other types of products.

Since the year 2006 the management system has been available at the AO “Omsky kauchuk” in conformity with the requirements of the international standards ISO 9001, ISO 14001, OHSAS 18001.

The plant holds one of the leading positions among Russian producers of synthetic rubber. Throughout the entire history the company’s products were frequently honored with highest awards. The plant was the first in Russia to master the method of salt-free coagulation applied in the production of rubbers. The plant’s products (phenol, acetone, rubbers, MTBE) were frequent winners in the contest “100 best goods of Russia”. The plant output quality is in conformity with the international regulation requirements. MTBE, normal butane, butadiene (including for the production of tyres and rubbers), alpha-methylstyrene, acetone, phenol, propylene, cumene are registered in accordance with the requirements of REACH regulations.

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SBR / SYNTHETIC BUTADIENE-METHYLSTYRENE RUBBERS

SBR-1712, GOST 15628-2019
SBR-1705, GOST 11138-2019, group 1 and group 2
SBR-1500, GOST 15627-2019
SBR-1502, GOST 23492-2019, group 1 and group 2

Application

SBR-1712, SBR-1705, SBR-1500 rubbers are used in the tyre industry and for the production of mechanical rubber goods. SBR-1502 rubber is used in the production of rubber mechanical goods and in the footwear industry.

Specifications	SBR-1712	SBR-1705	SBR-1500	SBR-1502
Mooney viscosity MB 1+4 (100 °C), within the limits • group 1 • group 2	46–58	 37–44 45–54	45–58	 37-47 48–58
Nominal tensile strength, MPa (kgf/cm2), min • group 1 • group 2	18,0	 21,0 24,5	22,5	 26.5 (270)
Mass fraction of organic acids, %, within the limits	4,0–5,8	5.0–6.7	5.0–6.5	5.0–7.2
Mass fraction of oil , %, within the limits	26.5–29.0	14,0–17,0	—	—
Mass fraction of the bound second monomer (alpha-methylstyrene), %, within the limits	22,0–25,0	21.0–24.0	22.5–24.5	22,0–25,0

Packing and transportation

Railway wagons, truck trailers, containers (40'HC)

Product packing variants:
- paper bags – 30 kg
- wooden pallets – 450 kg
- plastic containers – 540 kg
- corrugated cardboard containers – 540 kg
- metal containers – 1260 kg

SBR / SYNTHETIC BUTADIENE-METHYLSTYRENE RUBBERS

SBR-1706 TDAE, Technical Specifications (TU) 22 9435-063-05766793-22
SBR-1723 TDAE, Technical Specifications (TU) 22 9435-064-05766793-22

Application

SBR 1706 / 1723 TDAE rubbers are manufactured using low-toxic ("green") oil, they are applied in the tyre industry and for the production of rubber mechanical goods.

Specifications	SBR-1706 TDAE	SBR-1723 TDAE
Mooney viscosity MB 1+4 (100 °C), within the limits • group 1 • group 2	 37–44 45–54	46–58
Nominal tensile strength, MPa (kgf/cm2), min • group 1 • group 2	 21,0 21,6	18,0
Mass fraction of organic acids, %, within the limits	4,8–6,4	4,0–5,8
Mass fraction of oil, %, within the limits	14,0–17,0	25,0–30,0
Mass fraction of the bound second monomer (alphamethylstyrene), %, within the limits	22–25	22–25

Packing and transportation

Railway wagons, truck trailers, containers (40'HC)

Product packing variants:
- paper bags – 30 kg
- wooden pallets – 450 kg
- plastic containers – 540 kg
- corrugated cardboard containers – 540 kg
- metal containers – 1260 kg

METHYL TERT-BUTYL ETHER (MTBE)

Grade A Technical Specifications (TU) 38.103704-90

Application

For increasing the octane number in the production of motor petrols. The addition of MTBE to motor fuels increases the fuel combustion temperature and engine operation efficiency, improves engine start-up at low temperatures. Significantly reduces the content of CO and hydrocarbons in exhaust gases of vehicles.

Specifications

Appearance	Transparent liquid
Mass fraction of MTBE, %, min	98,0
Mass fraction of alcohols, %, max	1,5
Mass fraction of hydrocarbons C4–C8, %, max	1,5
Mass fraction of moisture, %, max	0,10
Mechanical impurities	absent

Transportation

Railway tanks, truck tanks

CETANE BOOST ADDITIVE CETANE 890

Application

For increasing the cetane number of diesel fuel, improves the flammability of diesel fuels, provides quick start of diesel engines at low temperatures, simultaneously reducing smoke. Reduces engine noise, no exhaust toxicity in comparison with alkyl nitrate additives, import substitution of 2-ethylhexyl nitrate foreign additive.

Specifications T

Density at 20 °C, g/cm2, minimum	1,02
Mass fraction of isopropylbenzene hydroperoxide, %, minimum	89,4
Refractive index (refraction), n20D, minimum	1,5240
Solubility in diesel fuel	full

Transportation

Railway tanks, truck tanks

TECHNICAL ISOPROPYLBENZENE HYDROPEROXIDE (HYPERIS)

Application

Isopropylbenzene hydroperoxide is used to produce phenol and acetone, and also as an initiator of radical polymerization processes in the production of synthetic rubbers, fiberglass, in the paint and varnish industry and in other sectors of the national economy.

Specifications

Appearance	Yellow clear oily liquid
Refractive index (refraction), n20D, minimum	1,5235
Mass fraction of isopropylbenzene hydroperoxide, %, minimum	89,0

Transportation

Railway tanks автоцистерны

ISOPROPANOL (ISOPROPYL ALCOHOL)

Dehydrated , GOST 9805-84

Application

Isopropyl alcohol is used in the paint and coating, chemical, oil refining and aviation industries. Besides, isopropyl alcohol is used in printing, medical, furniture, food, wood chemical, perfumery industries.

Specifications

Density at 20 °C, g/cm3, within the limits	0,785–0,786
Mass fraction of isopropyl alcohol, %, min.	99,9
Colority according to platinum/cobalt scale, max	5
Mass fraction of acids equivalent to acetic acid, %, max	0,0007
Mass fraction of sulfur compounds equivalent to sulfur, %, max	0,00005
Bromine value, bromine grams per 100 grams of alcohol, max	0,006
Mass fraction of water, %, max	0,15
Mass fraction of diisopropyl ether, %, max	0,03
Mass fraction of acetone, %, max	0,03
Mass fraction of non-volatile residue, max	0,0005

Transportation

RTC, ISO tanks

ISOPROPANOL (ISOPROPYL ALCOHOL)

TU 20.14.22-075-05766793-2020

Application

Isopropyl alcohol is used as a substitute for ethyl alcohol in medicine, cosmetics, perfumery, household chemistry, car fluids (windscreen washer fluids, antifreeze), glass cleaners, office equipment and as a solvent for organic substances in industry, as well as in personal care products. Can be used for wiping, cleaning, priming, degreasing, disinfecting various surfaces, contacts, sensors etc.

Specifications

Density at 20 °C, g/cm^3	0,783 - 0,786
Mass fraction of isopropyl alcohol, %, min.	99,9
Color (Hazen scale), max.	5
Mass fraction of acids equivalent to acetic acid, %, max.	0,0005
Mass fraction of water, %, max.	0,05
Mass fraction of acetone, %, max.	0,006
Mass fraction of water, %, max.	0,002
Water miscibility	Passed
Mass fraction of non-volatile residue, %, max.	0,0005
Boiling range of fractions of volatile organic liquids: -boiling start temperature, °C -boiling point, °C	 81 83

Transportation

RTC, ISO tanks

ISOPROPYLBENZENE (CUMENE)

Technical Specifications (TU) 2114-069-05766793-2016

Application

It's used for the synthesis of phenol, acetone and alpha-methylstyrene, as well as a high-octane blending component of motor fuels. Sometimes it's used as a solvent of organic substances.

Specifications	Grade E	Grade A	Grade B	Grade T
Appearance	Colorless transparent liquid			
Density at 20 °C, g/cm3 , within the limits	0,861–0,863	0,861–0,863	0,861–0,863	0,859–0,862
Mass fraction of isopropylbenzene, %, min	99,9	99,9	99,7	95,0
Mass fraction of organic impurities, %, max:				
• ethylbenzene	0,0200	0,05	0,15	—
• butylbenzenes and higher hydrocarbons	0,0150	0,02	0,10	—
• n-propylbenzene	0,0500	0,05	0,20	—
• non-aromatic compounds	0,0200	0,003	не норм.	—
Mass fraction of unsaturated compounds, gram of bromine per 100 grams of the product, max	0,030	0,015	0,02	—
Maximum fraction of phenol, %, max	0,0010	0,001	0,0015	—
Maximum fraction of chlorine, %, max	0,0004	0,0004	0,001	—
Maximum fraction of sulfur, %, max	0,0002	0,0002	0,001	0,0006
Benzene content, %, max	0,001	not specified	not specified	1,0
Cymene content, %, max	0,005	not specified	not specified	—
Alpha-methylstyrene content, %, max	0,0050	not specified	not specified	—
Diisopropylbenzene content, %, max	0,001	not specified	not specified	—
Amount of alkylbenzenes, excluding isopropylbenzene, %, max	—	—	—	4,0

Transportation

RTC, truck tanks, containers

SYNTHETIC PHENOL FOR INDUSTRIAL USE

GOST 23519-79

Application

It's used in the production of bisphenol A, caprolactam, phenol formaldehyde resins, fibers, plastics, detergents and other products.

Specifications	Grade 1
Crystallization temperature, °C, min	40,7
Mass fraction of non-volatiles, %, max	0,001
Solubility in 100 ml of water at 20 °C, g, min	8,3
Optical density of sulfonated phenol, min	0,05
Phenol melt colority according to platinum/ cobalt scale, max	5
Mass fraction of water, %, max	0,03
Mass fraction of the organic impurity amount, %, max	0,01
Including mesityl oxide, %, max	0,0015

Transportation

RTC, ISO tanks, truck tanks

ACETONE FOR INDUSTRIAL USE

GOST 2768-84

Application

Acetone is used for the synthesis of bisphenol A , methyl methacrylate and other organic products, as well as a solvent of nitroenamels and vanishes.

Specifications	
Mass fraction of acetone, %, min	99,75
Density, ρ^{20}_4, g/cm^3, within the limits	0,789–0,791
Mass fraction of water, %, max	0,2
Mass fraction of methyl alcohol, %, max	0,05
Stability to potassium permanganate oxidation, h, min	4

Transportation

RTC, ISO tanks

ALPHA-METHYLSTYRENE

Technical Specifications (TU) 38.103679-8

Application

It's used for the production of synthetic rubbers and latexes, plastics, as well as in other spheres of the national economy.

Specifications

Appearance	Colorless or pale yellow transparent liquid
Mass fraction of alpha-methylstyrene, %, min	99,7
Mass fraction of n-propylbenzene and styrene,%, max	0,03
Platinum-cobalt color scale (Hazen scale) – the norm is defined by agreement with consumers	
Refraction index at 20 °C, within the limits	1,5382–1,5390
Polymer availability – it should pass the test	
Mass fraction of phenol, %, max	0,0005

Transportation

RTC, tank cars, truck tanks, containers

PETROL FOR INDUSTRIAL PURPOSES

Company standard 05766793-008-2013

Application

It's used as a solvent and as a component of motor petrols. It's not designed for the direct application as a commodity motor petrol.

Specifications

Density at 20 °C, kg/m3, within the limits	690–718
Knock rating:	
• octane number, determined by the motor method, minimum	79
• octane number, determined by the research method, minimum	91
Fraction composition	
Initial boiling point, °C, min	28
10% is distilled at temperature, °C, max	75
50% is distilled at temperature, °C, max	120
90% is distilled at temperature, °C, max	190
Dry point, °C, max	230
Distillation test residue, %, max	1,5
Residue and wastes, % , max	4,0
Mass fraction of sulfur, %, max	0,05
Saturated vapor pressure, kPa (mm Hg), max	80 (600)
Acidity, mg KOH per 100 cm3, m	2,0
Existent gum, mg per 100 cm3, max	5,0
Copper plate test	passed
Mechanical impurities and water	absent
Induction period, min., minimum	360

Transportation

RTC, truck tanks

1,3-BUTADIENE

Technical Specifications (TU) 38.103658-88
GOST R 55066-201

Application

Butadiene is designed for the production of synthetic rubbers, latexes and chloroprene.

Specifications	A		B
	Premium grade	First grade	First grade
Mass fraction of 1,3-butadiene; %, min	99,3	99,0	98,0
Mass fraction of highly volatiles (hydrocarbons C_2, C_3), %, max	0,10	0,20	0,40
Mass fraction of cyclopentadiene,%, max	0,0010	0,0010	not rated
Mass fraction of nitrogen compounds (in terms of nitrogen),%, max	0,003	0,003	0,020
including mass fraction of ammonia (in terms of nitrogen),%, max	0,0010	0,0010	not defined
Mass fraction of carbonyl compounds, %, max	0,005	0,005	0,006
Mass fraction of monosubstituted acetylene hydrocarbons, %, max	0,005	0,005	0,020
Mass fraction of allene hydrocarbons,%, max	0,03	0,03	not rated
Mass fraction of heavy residue,%, max	0,10	0,10	0,30
Mass fraction of copper,%, max	не норм.	не норм.	0,00005
Mass fraction of peroxide compounds (in terms of active oxygen), %, max	0,0003	0,0010	0,0010
Mass fraction of inhibitor: • para-tretbutyl-pyrocatechin, %, within the limits • wood tar inhibitor, %, within the limits • IPON-11011 (Inhibitors of thermopolymerization and resin formation of unsaturated organic compounds), within the limits	 0,005–0,01 0,010–0,03 0,005–0,01	 0,005–0,01 0,010–0,03 0,005–0,01	 0,005–0,01 0,0010–0,03 0,005–0,01
Undissolved moisture content	absent	absent	absent

Transportation

RTC

PROPYLENE

Chemical grade, premium

GOST 25043-13

Application

It's used for the production of organic products.

Specifications	
Volume fraction of propylene, %, min	99,8
Volume fraction of ethylene , %, max	0,005
Volume fraction of acetylene and methyl acetylene , %, max	0,001
Volume fraction of hydrocarbons C_4, %, max	0,002
Volume fraction of diene hydrocarbons (propadiene and butadiene), %, max	0,001
Volume fraction of ethane, propane, %, max	0,2
Mass concentration of sulfur, mg/m^3, max	1
Mass fraction of water, %, max • in the product, delivered by pipeline • in the product, delivered in tanks and cylinders	 0,0005 0,02
Free water content	absent

Transportation

RTC

PROPYLENE, POLYMERIZATION GRADE

Technical Specifications
(TU) 2411-004-76332549-2016

Application

For the production of polypropylene during polymerization over titan-magnesium catalyst.

Specifications	
Volume fraction of propylene, %, min	99,5
Volume fraction of propane, %, max	0,5
Volume fraction of ethane, ppm, max	200
Volume fraction of ethylene, ppm, max	50
Volume fraction of C_4, C_5, saturated hydrocarbons, ppm, max	200
Volume fraction of acetylene, ppm, max	5
Volume fraction of methyl acetylene, ppm, max	3
Volume fraction of propadiene, ppm, max	5
Volume fraction of butadiene, ppm, max	50
Mass concentration of sulfur, mg/m^3, max	1
Mass fraction of water, ppm, max	5
Volume fraction of carbon oxide, ppm, max	0,03
Volume fraction of carbon dioxide, ppm, max	5
Volume fraction of COS, ppm, max	0,02
Volume fraction of arsine, ppm, max	0,03
Volume fraction of phosphine, ppm, max	0,03

Transportation

RTC

TECHNICAL PROPANE

GOST 20448-2018

Application

It's used as a fuel for public utility consumption and for industrial purposes.

Specifications

Mass fraction of components, %, amount of propane and propylene, min	75,0
Volume fraction of liquid residue at 20 °C, %, max	0,7
Saturated vapor pressure, manometric, MPa, at a temperature of: +45 °C, max –20 °C, min	 1,6 0,16
Mass fraction of hydrogen sulfide and mercaptan sulfur, %, max	0,013
including hydrogen sulfide, %, max	0,003
Odor intensity, points, min	3

Transportation

RTC, truck tanks

TECHNICAL BUTANE

GOST 20448-2018

Application

It's used as a fuel for public utility consumption and for industrial purposes.

Specifications

Mass fraction of components , % • amount of methane, ethane, ethylene • amount of propane and propylene • amount of butanes and butylenes, min	 not rated not rated 60,0
Volume fraction of liquid residue at 20 °C, %, max	1,8
Saturated vapor pressure, manometric, MPa, at a temperature of +45 °C, max	1,6
Mass fraction of hydrogen sulfide and mercaptan sulfur, %, max	0,013
including hydrogen sulfide, %, max	0,003
Free water and alkali content	absent
Odor intensity, points, min	3

Transportation

RTC, truck tanks

TECHNICAL PROPANE-BUTANE

GOST 20448-2018

Application

It's used as a fuel for public utility consumption and for industrial purposes.

Specifications

Mass fraction of components, % • amount of methane, ethane, ethylene • amount of propane and propylene • amount of butanes and butylenes, max	 not rate not rate 60,0
Volume fraction of liquid residue at 20 °C,%, max	1,6
Saturated vapor pressure, manometric, MPa, at a temperature of +45 °C, max	1,6
Mass fraction of hydrogen sulfide and mercaptan sulfur, %, max	0,013
including hydrogen sulfide, %, max	0,003
Free water and alkali content	absent
Odor intensity, points, min	3

Transportation

RTC, truck tanks

FUEL LIQUEFIED PETROLEUM GASES

GOST P 52087-2018

Application

It is used as a motor fuel.

Specifications	Propane autogas	Propane-butane autogas
Mass fraction of components, % • Amount of methane, ethane, ethylene	not rated , to be compulsorily defined	
• amount of propane and propylene, minimum including propane	—	—
	85±10	50±10
• amount of butanes and butylenes, maximum	not rated, to be compulsorily defined	
• amount of saturated hydrocarbons, maximum	6,0	6,0
Volume fraction of liquid residue at 20°C, %, max	0,7	1,6
Saturated vapor pressure, manometric, MPa at a temperature of: +45 °C, maximum –20 °C, maximum –30 °C, maximum	 1,6 — 0,07	 1,6 0,07 —
Mass fraction of hydrogen sulfide and mercaptan sulfur, %, max	0,01	0,01
including hydrogen sulfide, %, max	0,003	0,003
Free water and alkali content	absent	absent
Odor intensity, points, minimum	—	—
Odor: chararacteristic unpleasant odor at a concentration in the air of 20% vol. from the lower flammability limit		
Octane number, minimum	89	89

Transportation

RTC, truck tanks

N-BUTANE

Technical Specifications (TU) 38.301-19-57-97

Application

As a raw material for pyrolysis and for other purposes.

Specifications	Highest grade	A	B
Mass fraction of components, %			
• propane, max	0,3	0,5	1,0
• isobutane, max	0,9	1,5	4,0
• amount of butylenes and neopentane (2,2-dimethylpropane), max	1,4	2,5	6,0
• normal butane, max	98,6	97,5	94,0
• amount of hydrocarbons, C_5 and higher, max	0,4	0,6	2,5
Mass fraction of hydrogen sulfide and mercaptan sulfur, %, max	0,005	0,005	0,01
Free water and alkali content	absent	absent	absent

Transportation

RTC, truck tanks

C_5 FRACTION

Technical Specifications (TU) 0272-072-05766793-2016

Application

C_5 fraction is used as a component of motor petrol and as feedstock for isoprene production, which is a monomer for the synthesis of synthetic rubbers.

Specifications	
Content of desired fraction, C_5, vol. %, min	90
Content of free water and mechanical impurities, wt %	absent
Alcali content	absent
Density at 20 °C, g/cm^3, max	0,645

Transportation

RTC, truck tanks

COMPOSITE OF RUBBER AND LATEX PRODUCTION

Technical Specifications
(TU) 22 9400-062-05766793-2008

Application

In road construction, for waterproof mastics production and other purposes.

Specifications	
Mass fraction of ash, %, max	3,0
Mooney viscosity МБ 1+4 (100 °C)	not rated
Weight loss on drying, %, max	25

Transportation

RTC, truck tanks

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group of companies

PRODUCTS OF
AO “OMSKY KAUCHUK”

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