

## ALPHA-OLEFINS C16-C18 FRACTION

C16-C18 alpha-olefin fraction is a product of catalytic thermal ethylene oligomerization. It is used in production of alkylsalicylates and synthetic fatty acids.

CAS Number: 629-73-2, 112-88-9

Design specification: TU 2411-067-05766801-97

PROPERTY	VALUE	TEST METHOD
Density at 20°C, g/cm <sup>3</sup>	0.783 -0.787	GOST 18995.1
C16-C18 hydrocarbons mass content, %, min.	98.0	para. 4.3 of TU
C14 and lower hydrocarbons mass content, %, max.	1.0	para. 4.3 of TU
C20 and higher hydrocarbons mass content, %, max.	1.0	para. 4.3 of TU
Linear $\alpha$ -olefins, % mol., min.	42.0	para. 4.4 of TU
Branched $\alpha$ -olefins, % mol., max.	40.0	para. 4.4 of TU
Internal olefins, % mol., max.	37.0	para. 4.4 of TU
Paraffins mass content, %, max.	4.0	para. 4.3 and 4.5 of TU
Peroxidates mass content in terms of active oxygen, %, max.	0.0005	para. 4.6 of TU
Sulphides mass content, %, max.	0.0005	GOST 13380 and para. 4.7 of TU
Water mass content, %, max.	0.0100	GOST 14870

**Supply form:** Clear colorless liquid with a specific, pronounced odor.

**Packaging:** Product is shipped in railway tank-cars.

**Transportation:** Product is transported by railway.

**Storage:** In sealed steel container under nitrogen blanket.

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