

PROPYLENE TETRAMER

Propylene tetramer is a product of concentrated propylene oligomerization with phosphate catalyst. It is used for production of oil additives - sulfurized propylene tetramer and tertiary dodecyl mercaptane.

CAS Number: 109572-71-6

Design specification: TU 2211-044-05766801-95

PROPERTY	VALUE		TEST METHOD
	Premium	First	
Density at 20°C, g/cm ³	0.757 - 0.785	0.757 - 0.785	GOST 3900
Fraction composition:			GOST 2177
initial boiling point, °C, min.	180	170	
95 % distilled at temperature, °C, max.	210	235	
97.5 % distilled at temperature, °C, max.	220	250	
residue and losses, %, max.	2.5	2.5	
Mechanical impurities and water	none	none	para. 4.3 of TU
Bromine number, Br g/100 g, min.	100	100	para. 4.4 of TU
Peroxidates mass content in terms of active oxygen, %, max.	0.001	0.001	para. 4.5 of TU
Propylene tetramer mass content, %, min.	90.0	70.0	para. 4.6 of TU

Supply form: Transparent liquid with color ranging from colorless to light-yellow.

Packaging: Product is shipped in railway tank-cars and tank-trucks, tank-containers and steel drums.

Transportation: Product is transported by railway and motor covered transport means.

Storage: Storage in reservoir under nitrogen blanket. Storage, transportation, discharge and handling should exclude contact with air.

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