

SIBUR**DOTP**
Diocetyl terephthalate

► Plasticizer DOTP is an ester of 2-ethylhexanol and terephthalic acid, which is used as a commercial plasticizer with high dielectric properties, high cold resistance, reduced volatility.

► Product characteristic: appearance - clear liquid free from suspended substances and mechanical impurities; transportation – in tank containers, recommended grades T11-T22, and road tanks.

► Guaranteed shelf life – 1 year from the date of production. Storage of the plasticizer is recommended in heated metal tanks to maintain the temperature above 0°C and not higher than plus 40 °C. Storage and transportation of the plasticizer require measures for the protection of the plasticizer from moisture and exposure to direct sunlight.

<i>Parameter</i>	<i>Norm</i>	<i>Test method</i>
Colour, Pt-Co scale, Hazen units, max	15	GOST8728, para.3.4 ASTM D 1209
Density at 20°C, g/cm ³	0.981-0.987	GOST 18995.1 GOST R 57037 ASTM D 4052
Diocetyl terephthalate, %, min	99.0	TS 20.59.56-029-53505711
Acid value, mg KOH/g of the plasticizer, max	0.03	TS 20.59.56-029-53505711
Water, %, max	0.05	GOST 14870, section 2 ISO 760
Volatiles, %, max:	0.10	GOST 8728, para. 3.11
- at 100 °C for 6 hours		TS 20.59.56-029-53505711
- at 125 °C for 3 hours		
Refractive index:	1.487-1.492	GOST 18995.2
- at 20 °C		TS 20.59.56-029-53505711
- at 25 °C	1.487-1.493	
Volume Resistivity at 30 °C, Ω·cm, min	4·10¹¹	TS 20.59.56-029-53505711
Flash point, open cup, °C, min	220	GOST 4333
2-Ethylhexanol, wt, %, max	0.04	TS 20.59.56-029-53505711
Attention! This Technical Data Sheet may only be distributed for the EU trading market.		

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