



Protective waxes

Protective waxes are intended for use in the tire and rubber industries.

TYPICAL PARAMETERS

Specification Test	Test method	Protective waxes	
		ZV-P	YAV-1
Appearance	observation	homogeneous mass of light brown color	-
Melting point, °C	GOST 4255-75	62,0	65
Kinematic Viscosity at 100 °C, mm²/s	ASTM D 445 (GOST 33)	6,039	6,4
Oil Content, wt %	GOST 9090	1,13	-
Content of high-melting fractions, wt %	GOST 9090	97,50	-
Refractive index at 70 °C	GOST 18995.2	1,4405	1,4407
Water content, wt %	GOST 2477	traces	traces
Mechanical impurities, wt %	GOST 6370	absence	0,005
The content of fractions boiling off up to 400 °C, wt %	GOST 10120	5,0	-
The content of fractions boiling off up to 400 °C, wt %	GOST 10120	89,0	-
Pour Point, °C	GOST 20287 (ISO 3016:2016)	62	-
Flash Point, COC, °C	ASTM D 92 (GOST 4333)	234	-
Density at 20 °C, kg/m³	GOST 3900 (Method 1)	826,2	-
The content of oil fractions, wt %	GOST 9090	1,13	1,5
The solidification temperature determined by the rotating thermometer method, °C	ISO 2207-1980	64,0	63,0

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		ZV-P	YAV-1
Density at 70 °C, kg/m³	EN ISO 12185	793,3	792,7
Cone penetration of unmixed product at 25 °C, 0.1 mm	ASTM D 217	3	11
Cone penetration of unmixed product at 25 °C, 0.1 mm	ASTM D 937	2	9
Colorimetric characteristic, ASTM units	ISO 2049 (equivalent ASTM D1500)	2,0	0,9
Kinematic Viscosity at 100 °C, mm²/s	ASTM D 445 (GOST 33)	6,039	-