

Petrolatum

Petrolatum – dewaxing stage by-product of the residual oil production. It is used as a raw material for ceresin production, and also as a component in the production of insulating oils.

TYPICAL PARAMETERS

Specification Test	Test method	Petrolatum
Drop-off temperature, °C	GOST 6793-74	68
Total Acid Number, mg KOH/g	GOST 5985	0,05
Kinematic Viscosity at 100 °C, mm ² /s	ASTM D 445 (GOST 33)	12,67
Flash Point, COC, °C	GOST 4333	250
Metal corrosion testing	GOST 9.080 (TU 0255-053-48120848-2007)	holds up
The content of oil fractions, wt %	GOST 9090	17,44
Water content, wt %	GOST 2477	traces
Density at 70 °C, kg/m ³	EN ISO 12185	820,0
Cone penetration of unmixed product at 25 °C, 0.1 mm	ASTM D 217	29
Cone penetration of unmixed product at 25 °C, 0.1 mm	ASTM D 937	33
Colorimetric characteristic, ASTM units	ISO 2049 (equivalent ASTM D1500)	2,5
The aggregate state is at 20 °C and 760 mmHg.	Observation	Solid

Specification Test	Test method	Petrolatum
Solidification temperature, °C	ASTM D 938	67,6
Mechanical impurities, wt %	GOST 6370	0,044
Penetration, 0,1 mm	GOST 5346 Procedure B	20
Sulfur content, mg/kg	GOST R 51947	0,573
The content of water-soluble acids and alkalis	GOST 6307	absence
Appearance	Observation	homogeneous mass of light brown color