

Name of criteria	Testing technique	Testing condition	Unit of measure	Value
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◀ Physical characteristics

Density	GOST 15139		Kg/m ³	1040
Melt Flow Index (MFI)	GOST 11645	Temperature 220°C/10 kgs/10min	g/10 min	2,5
Molding shrinkage under pressure	GOST 18616		%, within	0,3-0,7

▲ Mechanical characteristics

Izod impact strength	GOST 19109	Sample, type I, with cut 3,2 mm, temp 23°C	KJ/m ²)	40,0
Elongation at Break	GOST 11262	Sample - paddle, type II, separation displacement of pull test machine clinch 20±2 mm	%	35,0
Tensile stress at yield	GOST 11262	Sample - shovel, type II, speed of pull test machine separation displacement clinch 20±2 mm/min	kgf/cm ²	400,0

▲ Thermal characteristics

Thermal Vicat softening temp	GOST 15088	Stress load 50±1 H, Temperature rise speed 120±10°C/hour or 2°C/min	°C	100, 0
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◀ Notes

The data given are an average obtained in the analysis of test results of materials for the year 2016