

## Technotep 30-1X-45D

A mineral filled thermos-elasto-plastic based on styrene bloc copolymers, with modifying additives, thermostabilizers and light-stabilizers. Displays a high resistance to ozone and atmosphere, to aggressive environments and polar solvents (acetone, spirits etc.).

Designed for manufacture of construction materials and items for machine engineering and other technical equipment. Unlike rubbers, this material is capable to endure many recycles, along with dye with super concentrates in the process of product manufacture.

Available in natural and black colors.

Properties	Test method	Unit	Typical value
<b>MISCELLANEOUS</b>			
Density	ISO 1183	g/cm <sup>3</sup>	1.16
Tensile Strength	ISO 527-1	MPa	16.5
Strain at Break	ISO 527-1	%	600
Indentation hardness by means of a durometer (Shore hardness)	ISO 868	A/D	45D
<b>THERMAL</b>			
Melting Point	ISO 11357	°C	+110
Low-temperature brittleness	ISO 812	°C	-60
<b>PROCESSING</b>			
Melt Flow Rate (190 °C;5 kg)	ISO 1133	g/10 min	5
Recommended extrusion melt temperature		°C	190

*Comment:  
All processing parameters as well as information on shrinkage specimen should be requested from the manufacturer.  
If stored in a dry warehouse – dehydration not required*

*Date of issue 14.11.2019*

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