

## Sibur NGP 30-32 Polyvinyl Chloride (PVC)

Category : Polymer , Thermoplastic , Vinyl (PVC) , PVC, Molded

### Material Notes:

Shall correspond to control sample, approved in accordance with the established procedure. Pores, which can be seen by eyes, are not allowed. Plastic shall no burn at stop of worm extruder for a period of 20 minutes. For production of internal sheaths for wires and cables by extrusion method. Use of VO material results in decrease of economic expenses during production of cable products. Specific peculiarity of this plastic is absence of adhesion to materials of insulation and sheath.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Sibur-NGP-30-32-Polyvinyl-Chloride-PVC.php](http://www.lookpolymers.com/polymer_Sibur-NGP-30-32-Polyvinyl-Chloride-PVC.php)

Physical Properties	Metric	English	Comments
Density	1.50 g/cc	0.0542 lb/in <sup>3</sup>	
Water Absorption	<= 0.25 %	<= 0.25 %	
Collected Volatile Condensable Material	<= 2.0 %	<= 2.0 %	Loss in mass at 160Â°C during 6 hours

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	>= 14.0 MPa	>= 2030 psi	
Elongation at Break	>= 250 %	>= 250 %	

Thermal Properties	Metric	English	Comments
Brittleness Temperature	<= -30.0 Â°C	<= -22.0 Â°F	
Flammability Test	<= 32	<= 32	In seconds, method A

Electrical Properties	Metric	English	Comments
Volume Resistivity	>= 3.00e+11 ohm-cm @Temperature 20.0 Â°C	>= 3.00e+11 ohm-cm @Temperature 68.0 Â°F	

Descriptive Properties	Value	Comments
Color	Non-colored, black, white	
Elongation Retained After Ageing	85%	Aged for 7 days at 100Â±2Â°C

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