

## Sibur 140-13 Compound 230/1 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 insulation of wires and cables operating in intervals of temperatures from -40°C to 70°C.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Sibur-140-13-Compound-2301-Polyvinyl-Chloride-PVC.php](http://www.lookpolymers.com/polymer_Sibur-140-13-Compound-2301-Polyvinyl-Chloride-PVC.php)

Physical Properties	Metric	English	Comments
Density	1.27 - 1.35 g/cc	0.0459 - 0.0488 lb/in <sup>3</sup>	
Water Absorption	<= 0.32 %	<= 0.32 %	
Collected Volatile Condensable Material	<= 2.0 %	<= 2.0 %	Loss in mass at 160°C during 6 hours

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	>= 17.6 MPa	>= 2550 psi	
Elongation at Break	>= 200 %	>= 200 %	

Thermal Properties	Metric	English	Comments
Softening Point	170 - 190 °C	338 - 374 °F	
Brittleness Temperature	<= -40.0 °C	<= -40.0 °F	
Flammability Test	<= 30	<= 30	In seconds, method A

Electrical Properties	Metric	English	Comments
Volume Resistivity	>= 2.00e+10 ohm-cm	>= 2.00e+10 ohm-cm	
	@Temperature 70.0 °C	@Temperature 158 °F	
	>= 1.00e+13 ohm-cm	>= 1.00e+13 ohm-cm	
	@Temperature 20.0 °C	@Temperature 68.0 °F	

Descriptive Properties	Value	Comments
Color	Non-colored	
Elongation Retained After Ageing	75%	Aged for 7 days at 100±2°C

Number of Inclusions Descriptive Properties	<45 nsc Value	With dimensions up to 0.5 mm Comments
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## Contact Songhan Plastic Technology Co.,Ltd.

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