

Teknor Apex Sinvicomp SIM 5029 Polyvinyl Chloride, Flexible

Category : Polymer , Thermoplastic , Vinyl (PVC) , PVC, Flexible Grade

Material Notes:

Availability: Asia Pacific Features: High Strength Uses: Electrical/Electronic Applications < Forms: Pellets Processing Method: Injection

Molding Information Provided by Teknor Apex

Order this product through the following link:

http://www.lookpolymers.com/polymer_Teknor-Apex-Sinvicomp-SIM-5029-Polyvinyl-Chloride-Flexible.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.33 g/cc	1.33 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	83	83	ASTM D2240
Tensile Strength, Yield	13.53 MPa	1962 psi	Change in tensile strength after 168 hours at 212°F; ASTM D638
	15.0 MPa	2180 psi	9.8 in/min; ASTM D638
Elongation at Break	200 %	200 %	Change after 168 hours at 212°F; ASTM D638
	250 %	250 %	9.8 in/min; ASTM D638

Electrical Properties	Metric	English	Comments
Volume Resistivity	5.00e+13 ohm-cm	5.00e+13 ohm-cm	BS 2782
	@Temperature 20.0 °C	@Temperature 68.0 °F	

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