

Teknor Apex Sinvicomp SIM 5515 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-5515-Polyvinyl-Chloride-Flexible.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.35 g/cc	1.35 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	80	80	ASTM D2240
Tensile Strength, Yield	10.80 MPa	1566 psi	Change in tensile strength after 168 hours at 212°F; ASTM D638
	12.0 MPa	1740 psi	9.8 in/min; ASTM D638
Elongation at Break	152 %	152 %	Change after 168 hours at 212°F; ASTM D638
	190 %	190 %	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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