

Teknor Apex Sinvicomp SIH 5005A Polyvinyl Chloride, Flexible

Category : Polymer , Thermoplastic , Vinyl (PVC) , PVC, Flexible Grade , PVC, Wire and Cable Grade

Material Notes:

Availability: Asia Pacific Features: Good Stiffness Uses: Wire and Cable Applications Wire Types: V-90HT Agency Ratings: AS 3147-1992

Forms: Pellets Processing Method: Extrusion Information Provided by Teknor Apex

Order this product through the following link:

http://www.lookpolymers.com/polymer_Teknor-Apex-Sinvicomp-SIH-5005A-Polyvinyl-Chloride-Flexible.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.41 g/cc	1.41 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	91	91	ASTM D2240
Tensile Strength, Yield	17.00 MPa	2465 psi	Change in tensile strength after 504 hours at 248°F; ASTM D638
	20.0 MPa	2900 psi	9.8 in/min; ASTM D638
Elongation at Break	208 %	208 %	Change after 504 hours at 248°F; ASTM D638
	260 %	260 %	9.8 in/min; ASTM D638

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	190 °C	374 °F	Congo Red; BS 2782
	@Time >=7200 sec	@Time >=2.00 hour	

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+14 ohm-cm	1.00e+14 ohm-cm	BS 2782
	@Temperature 20.0 °C	@Temperature 68.0 °F	

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