

Teknor Apex APEXÂ® 07-U0296B-80 Polyvinyl Chloride, Flexible

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

Material Notes:

Notes: RoHS Compliant Uses: Wire and Cable Applications Forms: PelletsInformation Provided by Teknor Apex

Order this product through the following link:

http://www.lookpolymers.com/polymer_Teknor-Apex-APEX-07-U0296B-80-Polyvinyl-Chloride-Flexible.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.26 g/cc	1.26 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	80	80	15 seconds; ASTM D2240
Tensile Strength at Break	20.0 MPa	2900 psi	ASTM D638
Elongation at Break	350 %	350 %	ASTM D638

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	80.0 Â°C	176 Â°F	Continuous Use; ASTM D794
Brittleness Temperature	-44.0 Â°C	-47.2 Â°F	ASTM D746
Oxygen Index	28 %	28 %	ASTM D2863

Electrical Properties	Metric	English	Comments
Dielectric Constant	3.38	3.38	ASTM D150
	@Frequency 1.00e+6 Hz	@Frequency 1.00e+6 Hz	
Dissipation Factor	5.38	5.38	ASTM D150
	@Frequency 1000 Hz	@Frequency 1000 Hz	
	0.075	0.075	ASTM D150
	@Frequency 1000 Hz	@Frequency 1000 Hz	
	0.095	0.095	ASTM D150
	@Frequency 1.00e+6 Hz	@Frequency 1.00e+6 Hz	

Descriptive Properties	Value	Comments
Appearance	Opaque	

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