

Teknor Apex APEX® 82-E378-H Polyvinyl Chloride, Flexible

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

Material Notes:

Notes: RoHS Compliant Features: Flame Retardant Uses: Cable Jacketing Agency Ratings: UL 62 Wire Types: SJT; ST; VW-1 Forms:

Pellets Information Provided by Teknor Apex

Order this product through the following link:

http://www.lookpolymers.com/polymer_Teknor-Apex-APEX-82-E378-H-Polyvinyl-Chloride-Flexible.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.39 g/cc	1.39 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	79	79	10 seconds; ASTM D2240
Tensile Strength at Break	15.7 MPa	2280 psi	ASTM D638
Elongation at Break	340 %	340 %	ASTM D638

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	80.0 °C	176 °F	Continuous Use; ASTM D794
Brittleness Temperature	-32.0 °C	-25.6 °F	ASTM D746
Oxygen Index	27 %	27 %	ASTM D2863

Electrical Properties	Metric	English	Comments
Dielectric Constant	3.63	3.63	ASTM D150
	@Frequency 1.00e+6 Hz	@Frequency 1.00e+6 Hz	
	5.62	5.62	ASTM D150
	@Frequency 1000 Hz	@Frequency 1000 Hz	
Dissipation Factor	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
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Appearance

Descriptive Properties	Optique Value	Comments
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