

Teknor Apex Fireguard® 910L16-C6-NL1 Polyvinyl Chloride, Flexible

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

Material Notes:

Notes: RoHS Compliant Features: Flame Retardant; Low Smoke Emission Uses: Plenum Cable Jacketing Wire Types: CL2P; CL3P; CMP; FPLP; MPP; OFNP Agency Ratings: NEC Article 725; NEC Article 760; NEC Article 770; NEC Article 800; UL 13; UL 1424; UL 1651; UL 444; UL QMTT2 .E200337 Processing Method: Extrusion Forms: Pellets Additional Notes: Dynamic Heat Stability at 205°C, 100 rpm, 72 gr. #5 Bowl (Minutes to Decomposition): 44 Kayness ACR at 370°F, 1000 sec-1: 424 Pa-s Peak Heat Release Rate: 111 kW/m2 Average Heat Release Rate: 67 kW/m2 Total Heat Released: 62 MJ/m2 Average Heat of Combustion: 12.54 MJ/kg Average Specification Extinction Area: 262 m2/kg Peak Smoke: 1.1 l/m Information Provided by Teknor Apex

Order this product through the following link:

http://www.lookpolymers.com/polymer_Teknor-Apex-Fireguard-910L16-C6-NL1-Polyvinyl-Chloride-Flexible.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.63 g/cc	1.63 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore C	81	81	10 seconds; ASTM D2240
	88	88	ASTM D2240
Tensile Strength at Break	15.2 MPa	2200 psi	ASTM D638
Elongation at Break	200 %	200 %	ASTM D638

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	75.0 °C	167 °F	Continuous Use; ASTM D794
Brittleness Temperature	-20.0 °C	-4.00 °F	ASTM D746
Oxygen Index	46 %	46 %	ASTM D2863

Electrical Properties	Metric	English	Comments
Dielectric Constant	3.74	3.74	ASTM D150
	@Frequency 1.00e+6 Hz	@Frequency 1.00e+6 Hz	
Dissipation Factor	4.75	4.75	ASTM D150
	@Frequency 1000 Hz	@Frequency 1000 Hz	
Dissipation Factor	0.037	0.037	ASTM D150
	@Frequency 1.00e+6 Hz	@Frequency 1.00e+6 Hz	

Electrical Properties	Metric	English	Comments
	@Frequency 1000 Hz	@Frequency 1000 Hz	ASTM D130

Processing Properties	Metric	English	Comments
Melt Temperature	193 Â°C	380 Â°F	

Descriptive Properties	Value	Comments
Appearance	Opaque	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China