

Trelleborg Horda Cable E7355-A4 Strippable Semiconductive Shielding

Category : Polymer , Thermoset

Material Notes:

E7355-A4 is a silane crosslinkable, strippable semiconductive compound for medium voltage cables. E7355-A4 meets the requirements as below, when optimal processing, extrusion and crosslinking procedure are used: AEIC CS 8BS 6622IEC 60502-2NF C 33-223 All information provided by Horda Cable Compounds

Order this product through the following link:

http://www.lookpolymers.com/polymer_Trelleborg-Horda-Cable-E7355-A4-Strippable-Semiconductive-Shielding.php

Physical Properties	Metric	English	Comments
Density	1.13 - 1.14 g/cc	0.0408 - 0.0412 lb/in ³	ASTM D1928
	@Temperature 23.0 °C	@Temperature 73.4 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	85 - 90	85 - 90	ASTM D2240
Tensile Strength, Yield	14.25 MPa	2067 psi	after aging 1 week @ 135°C; ASTM D638
	15.0 MPa	2180 psi	ASTM D638
Elongation at Break	160 %	160 %	after aging 1 week @ 135°C; ASTM D638
	200 %	200 %	ASTM D638

Electrical Properties	Metric	English	Comments
Volume Resistivity	<= 500 ohm-cm	<= 500 ohm-cm	ASTM D257
	@Temperature 23.0 °C	@Temperature 73.4 °F	
	<= 1000 ohm-cm	<= 1000 ohm-cm	ASTM D257
	@Temperature 90.0 °C	@Temperature 194 °F	
	<= 1000 ohm-cm	<= 1000 ohm-cm	ASTM D257
	@Temperature 120 °C	@Temperature 248 °F	

Processing Properties	Metric	English	Comments
Middle Barrel Temperature	60.0 - 110 °C	140 - 230 °F	
Head Temperature	100 - 130 °C	212 - 266 °F	
Screw Cooling Temperature	40.0 - 50.0 °C	104 - 122 °F	

Processing Properties	<small>Drying Temperature</small> Metric	<small>English</small>	<small>pellets below 200 PPM (Karl Fischer method)</small> Comments
Moisture Content	<= 0.050 %	<= 0.050 %	QAHC-10420 (Karl Fischer method)

Descriptive Properties	Value	Comments
Hot Set (%)	20/5	200°C, 20 N/cm ² ; IEC 540
Insulation Shield Stripping Force (N/cm)	15-30	@ 90°

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