

PolyOne FireCon™ CPE 32-33 RoHS Black Polyethylene, Chlorinated (CPE)

Category : Polymer , Thermoplastic , Polyethylene (PE)

Material Notes:

CPE-37-11 RoHS BLACK is a heavy duty thermoplastic jacket for power and control cables. It is suitable for VW1 and tray fire rated applications. CPE-37-11 RoHS BLACK offers the highest physical properties and flexibility, great surface quality, good heat shock resistance as well as ease of processing on large cables..Note: Pre-drying is recommended for 4 hours at 175°-185°F. Note: Typical processing temperatures range between 320°-390°F depending upon screw design. Contact Technical Service for recommendation for specific equipment. NOTE: Typical Properties of Molded Slab (0.075); Not to be Construed as Specifications.Information provided by PolyOne

Order this product through the following link:

http://www.lookpolymers.com/polymer_PolyOne-FireCon-CPE-32-33-RoHS-Black-Polyethylene-Chlorinated-CPE.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.31 g/cc	1.31 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	38	38	10 sec; ASTM D2240
Tensile Strength at Break	12.4 MPa	1800 psi	Type IV, 510 mm/min; ASTM D638
Elongation at Break	350 %	350 %	Type IV, 510 mm/min; ASTM D638
Tensile Modulus	0.00689 GPa	0.999 ksi	Type IV, 510 mm/min; ASTM D638

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-35.0 °C	-31.0 °F	ASTM D746
Oxygen Index	31 % @Thickness 1.91 mm	31 % @Thickness 0.0752 in	ASTM D2863

Descriptive Properties	Value	Comments
Appearance	Pellets/Cubes	ASTM D2090
Forms	Pellets	
Generic Material	CPE	
Generic Name	Polyethylene, Chlorinated (CPE)	
Regional Availability	Asia Pacific	
	North America	

Descriptive Properties	South America Value	Comments
RoHS Compliance	RoHS Compliant	
Uses	Cable Jacketing	
	Wire & Cable Applications	

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