

PolyOne FireCon™ CPE 30-11 REV 2 Polyethylene, Chlorinated (CPE)

Category : Polymer , Thermoplastic , Polyethylene (PE)

Material Notes:

CPE-30-11 REV 2 is a heavy duty thermoplastic jacket for power and control cables. It is suitable for VW1 and tray fire rated applications. CPE-30-11 REV 2 offers high tensile and superior fluid resistance. 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-30-11-REV-2-Polyethylene-Chlorinated-CPE.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.29 g/cc	1.29 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	42	42	10 sec; ASTM D2240
Tensile Strength at Break	11.7 MPa	1700 psi	Type IV, 510 mm/min; ASTM D638
Elongation at Break	350 %	350 %	Type IV, 510 mm/min; ASTM D638
Tensile Modulus	0.00827 GPa	1.20 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	30 % @Thickness 1.91 mm	30 % @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	
	South America	

Descriptive Properties	Value Jacketing	Comments
Wire & Cable Applications		

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