

PolyOne FireCon™ CPE 30-33 RoHS BLACK Polyethylene, Chlorinated (CPE)

Category : Polymer , Thermoplastic , Polyethylene (PE)

Material Notes:

An excellent choice for low-voltage power-and-cable control cables, this RoHS compliant, flexible, black colored thermoplastic CPE jacketing compound offers wire and cable manufacturers the advantages of thermoplastic extrusion processing without the need to invest in continuous vulcanizing (CV) equipment. X CPE 30-33 RoHS Black is excellent for larger-diameter cables and co-extrusion strips for cable jacketing. Good heat/shock resistance, weatherability, moisture, oil and electrical properties as well as good processability for high cable extrusion line speed. 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-30-33-RoHS-BLACK-Polyethylene-Chlorinated-CPE.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.31 g/cc	1.31 g/cc	ASTM D792
Melt Flow	15 g/10 min	15 g/10 min	ASTM D1238
	@Load 2.16 kg, Temperature 190 °C	@Load 4.76 lb, Temperature 374 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	39	39	ASTM D2240
Tensile Strength at Break	11.0 MPa	1600 psi	Type IV, 510 mm/min; ASTM D638
Elongation at Break	450 %	450 %	Type IV, 510 mm/min; ASTM D638
Flexural Modulus	0.00641 GPa	0.930 ksi	13 mm/min; ASTM D790

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-36.1 °C	-33.0 °F	ASTM D746
Oxygen Index	30 %	30 %	ASTM D2863
	@Thickness 1.91 mm	@Thickness 0.0752 in	

Descriptive Properties	Value	Comments
Appearance	Pellets/Cubes	ASTM D2090
Forms	Pellets	
Generic Material	CPE	

Generic Name Descriptive Properties	Polyethylene, Chlorinated (CPE) Value	Comments
Regional Availability	Asia Pacific	
	North America	
	South America	
RoHS Compliance	RoHS Compliant	
Uses	Cable Jacketing	
	Wire & Cable Applications	

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