

## PolyOne FireCon™ CPE 30-2 RoHS BLACK Polyethylene, Chlorinated (CPE)

Category : Polymer , Thermoplastic , Polyethylene (PE)

### Material Notes:

CPE-30-2 RoHS BLACK is a RoHS compliant heavy duty thermoplastic jacket for power and control cables. It is suitable for VWI and tray fire rated applications. CPE-30-2 RoHS BLACK has a good balance of low temperature, oil resistance and fire retardant properties. 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-30-2-RoHS-BLACK-Polyethylene-Chlorinated-CPE.php](http://www.lookpolymers.com/polymer_PolyOne-FireCon-CPE-30-2-RoHS-BLACK-Polyethylene-Chlorinated-CPE.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.36 g/cc	1.36 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	35	35	10 sec; ASTM D2240
Tensile Strength at Break	10.3 MPa	1490 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	32 % @Thickness 1.91 mm	32 % @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	Compliant	Comments
Uses	Cable Jacketing		
	Wire & Cable Applications		

## Contact Songhan Plastic Technology Co.,Ltd.

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