

## PolyOne FireCon™ CPE 0883-01 RoHS BLACK Polyethylene, Chlorinated (CPE)

Category : Polymer , Thermoplastic , Polyethylene (PE)

### Material Notes:

CPE-0833-1 RoHS BLACK is a heavy duty thermoplastic jacket for power and control cables. It is suitable for VW1 and tray fire rated applications. CPE-0833-1 RoHS BLACK offers the highest level of fire retardance which may be of benefit for concentric neutral applications. 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-0883-01-RoHS-BLACK-Polyethylene-Chlorinated-CPE.php](http://www.lookpolymers.com/polymer_PolyOne-FireCon-CPE-0883-01-RoHS-BLACK-Polyethylene-Chlorinated-CPE.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.37 g/cc	1.37 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	38	38	10 sec; ASTM D2240
Tensile Strength at Break	13.1 MPa	1900 psi	Type IV, 510 mm/min; ASTM D638
Elongation at Break	450 %	450 %	Type IV, 510 mm/min; ASTM D638
Tensile Modulus	0.00586 GPa	0.850 ksi	Type IV, 510 mm/min; ASTM D638

Thermal Properties	Metric	English	Comments
Oxygen Index	38 % @Thickness 1.91 mm	38 % @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	
RoHS Compliance	RoHS Compliant	

---

Descriptive Properties	Value Jacketing	Comments
Wire & Cable Applications		

---

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China