

FireCon™ CPE 30-33 RoHS BLACK

Chlorinated Polyethylene

PolyOne Corporation

Message:

The filled flexible thermoplastic CPE sheath compound material is a good choice for low-voltage power and cable control cables. Wire and cable manufacturers can use products for thermoplastic extrusion processing without investing in continuous vulcanization (CV) equipment. CPE 37-11 has been improved in terms of elasticity and ductility, while the brittleness has also been reduced, and it feels more rubber to touch. This combination material can replace thermosetting CPE materials in power, control cables and other applications.

General Information			
Uses	Cable sheath		
	Wire and cable applications		
RoHS Compliance	RoHS compliance		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.31	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/21.6 kg)	15	g/10 min	ASTM D1238
Appearance	Particles/cubes		ASTM D2090
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	39		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Break)	11.0	MPa	ASTM D638
Tensile Elongation ² (Break)	450	%	ASTM D638
Flexural Modulus ³	6.41	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-33.0	°C	ASTM D746
Flammability	Nominal Value	Unit	Test Method
Oxygen Index (1.91 mm)	30	%	ASTM D2863
Additional Information			

注释:推荐的预干燥为在175°-185°F环境下4小时.注释:根据螺旋设计不同,典型加工温度处于320° - 390°F之间.请联系技术服务部,获取特定设备的推荐.注释:模制厚板的典型属性(0.075");不能视为技术规格.

NOTE	
1.	Type 4, 510mm/min
2.	Type 4, 510mm/min
3.	13 mm/min

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

