Polyrocks EP8400XD105FVH-1

Crosslinked Polyethylene

Polyrocks Chemical Co., Ltd

Message:

Irradiation cross-linked low-smoke halogen-free flame retardant polyolefin wire & cable compound is environmental flame retardant material with hydroxide as main flame retardant elements. Dehydration endothermic and carbonize play the flame retardant performance. Irradiation cross-linked low-smoke halogen-free flame retardant polyolefin wire & cable compound, which Mechanical properties meet the requirements of XLPE coating of electronic wire, automotive wire and photovoltaic wire, flammability reach UL1581 VW-1, and meet the requirements of ROHS, SVHC, PFOS & PFOA, 16P, Halogen, PAHs...etc.

General Information		
Additive	Flame retardancy 2	
Features	Low smoke Radiation crosslinkable Halogen-free Flame retardancy	
Uses	Wire and cable applications Wire sheath Electronic cable sheath material	
Wire Types	VW-1	
Agency Ratings	EC 1907/2006 (REACH)	
RoHS Compliance	RoHS compliance	
Forms	Particles	
Physical	**Nominal Value**	**Unit**
Density	1.40	g/cm³
Mechanical	**Nominal Value**	**Unit**
Tensile Strength	13.3	MPa
Tensile Elongation (Break)	400	%
Aging	**Nominal Value**	**Unit**
Change in Tensile Strength in Air (136°C, 168 hr)	-5.0	%
Change in Ultimate Elongation in Air (136°C, 168 hr)	-12	%
Thermal	**Nominal Value**	**Unit**
Brittleness Temperature	-40.0	°C
Electrical	**Nominal Value**	**Unit**
Volume Resistivity (20°C)	3.2E+14	ohms·cm
Dielectric Strength	26	kV/mm
Flammability	**Nominal Value**	**Unit**
Oxygen Index	33	%

Smoke Density	
Flame	62
Flameless	160

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