

Polyrocks EP8400XD150VH-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	1.35	g/cm ³
Mechanical	Nominal Value	Unit
Tensile Strength	14.4	MPa
Tensile Elongation (Break)	380	%
Aging	Nominal Value	Unit
Change in Tensile Strength in Air (180°C, 168 hr)	-5.0	%
Change in Ultimate Elongation in Air (180°C, 168 hr)	-20	%
Thermal	Nominal Value	Unit
Brittleness Temperature	-40.0	°C
Electrical	Nominal Value	Unit
Volume Resistivity (20°C)	4.6E+14	ohms·cm
Dielectric Strength	27	kV/mm
Flammability	Nominal Value	Unit
Oxygen Index	30	%

Smoke Density	
Flame	70
Flameless	170

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



WECHAT