

Polyrocks 8200MP90VP

Polyphenylene Ether

Polyrocks Chemical Co., Ltd

Message:

Halogen-free flame retardant MPPE is environmental halogen-free thermoplastic materia with phosphorus and nitrogen as flame retardant elements, Carbonize and swelling mechanism play the flame retardant performance. 8200MP(+) flammability reach UL 94 V-0(3.0mm), finished products of cables flammability reach UL1581 VW-1, and meet the requirements of ROHS, SVHC, PFOS & PFOA, 16P, Halogen-free, PAHs...etc. POFEX 8200MP(+) has good flammability, weather-resistance, low somke and environmental halogen-free.

General Information			
Additive	Flame retardancy 2		
Features	Low smoke		
	Good weather resistance		
	Halogen-free		
	Flame retardancy		
Uses	Wire and cable applications		
Wire Types (UL 1581)	VW-1		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS compliance		
Forms	Particles		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.06 - 1.10	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	88 - 92		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength	> 24.0	MPa	ASTM D412
Tensile Elongation (Break)	> 200	%	ASTM D412
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air (136°C, 168 hr)	< -15	%	ASTM D412
Change in Ultimate Elongation in Air (136°C, 168 hr)	< -15	%	ASTM D412

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