

Hax™ HFX 500S

Polyolefin

Fainplast Compounds S.r.l

Message:

This is a range of polyolefin based HFFR silane grafted compounds that are cross-linkable by heat and moisture and by previous addition of a suitable catalyst (SIOPLAS method). This solution is suitable for the production of crosslinked insulation or sheathing without the use of specific curing equipment.
Application: Sheathing solar cables

General Information			
Additive	Flame Retardant		
Features	Crosslinkable		
	Flame Retardant		
	Halogen Free		
Uses	Cable Jacketing		
	Solar Panels		
	Wire & Cable Applications		
Wire Types	HJ1		
	HXI1		
	M2		
Agency Ratings	CEI 20-91 M21		
	EN 50363-0		
	VDE 0207/23		
	VDE 0266		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	1.47	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (150°C/21.6 kg)	3.0	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D, 15 sec)	45		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	14.0	MPa	ISO 527-2
Tensile Strain (Break)	200	%	ISO 527-2
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity (20°C)	1.0E+14	ohms · cm	ASTM D257
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	31	%	ISO 4589-2

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