

Fainplast CTX 70/S

Polyolefin
Fainplast Compounds S.r.l

Message:

This product is silane grafted compound for cable applications, Cross-linkable by heat and moisture by previous addition of a suitable catalyst masterbatch (SIOPLAS method).

Application: Sheathing and insulating of electrical cables with high flexibility, resistance to harsh weather conditions, oils and hydrocarbons. Designed for special cables with high temperature rating.

Standard: EN 50363-2-1 type EM2, EN 50363-1 type EI4.

General Information			
Features	Crosslinkable		
	Good Flexibility		
	Good Weather Resistance		
	High Heat Resistance		
	Hydrocarbon Resistant		
	Oil Resistant		
Uses	Insulation Shield		
	Wire & Cable Applications		
Agency Ratings	EN 50363-1 type EI4		
	EN 50363-2-1 type EM2		
Physical	Nominal Value	Unit	Test Method
Density (Natural)	1.19 to 1.23	g/cm ³	ISO 1183
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A, 15 sec)	66 to 70		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	> 11.0	MPa	ISO 527-2
Tensile Strain (Break)	> 650	%	ISO 527-2
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air (70°C, 240 hr)	2.0	%	IEC 60811-1-2
Change in Ultimate Elongation in Air (70°C, 240 hr)	-7.0	%	IEC 60811-1-2
Change in Tensile Strength (100°C, 24 hr, in IRM 902 Oil)	-10	%	IEC 60811-1-2
Change in Ultimate Elongation (100°C, 24 hr, in IRM 902 Oil)	8.0	%	IEC 60811-1-2
Thermal	Nominal Value	Unit	Test Method
Cold Flexibility	-62 to -58	°C	ISO 458
Head Temperature	155	°C	

Extrusion	Nominal Value	Unit
Cylinder Zone 1 Temp.	140	°C
Cylinder Zone 2 Temp.	140	°C
Cylinder Zone 3 Temp.	145	°C
Cylinder Zone 4 Temp.	145	°C
Adapter Temperature	150	°C
Die Temperature	155	°C

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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

