

POLIGOM 04/AF

Thermoplastic
Crosspolimeri S.p.A.

Message:
POLIGOM 04/AF is a thermoplastic, halogen free, flame retardant compound (low fire propagation), very flexible compound.
POLIGOM 04/AF is a general purpose, low specific gravity, high flexibility compound suitable for sheathing of halogen free, low smoke cables.

General Information			
Features	Flame Retardant		
	Good Flexibility		
	Halogen Free		
	Low Density		
	Low Smoke Emission		
Uses	Cable Jacketing		
	Wire & Cable Applications		
Agency Ratings	AS/NZS 3008:2000		
	VDE 0207 HJ2		
Forms	Pellets		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.43	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/21.6 kg)	5.0 to 12	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	85		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	> 6.00	MPa	IEC 60811
Tensile Strain (Break)	> 130	%	IEC 60811
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air (110°C, 480 hr)	< 20	%	IEC 60811
Change in Tensile Strain at Break in Air (110°C, 480 hr)	< 20	%	IEC 60811
Thermal	Nominal Value	Unit	Test Method
Hot Pressure Test - Residual ¹ (90°C)	> 50	%	IEC 60811
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	> 30	%	ASTM D2863
Extrusion	Nominal Value	Unit	

Drying Temperature	80.0	°C
Drying Time	3.0 to 4.0	hr
Cylinder Zone 1 Temp.	140	°C
Cylinder Zone 2 Temp.	145	°C
Cylinder Zone 3 Temp.	160	°C
Cylinder Zone 4 Temp.	170	°C
Cylinder Zone 5 Temp.	170	°C
Die Temperature	175	°C

NOTE

1. K=0.6, 4 hr

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

