

CROSSVINIL EK/82 AZ

Polyvinyl Chloride
Crosspolimeri S.p.A.

Message:

CROSSVINIL EK/82 AZ is a special compound having different self-extinguishing characteristics.
CROSSVINIL EK/82 AZ is lead free and has low halogen emissions. Suitable for extrusion of electrical cables insulation.

General Information			
Features	Low (to None) Lead Content		
	Low Halogen Content		
	Self Extinguishing		
Uses	Insulation		
	Wire & Cable Applications		
Agency Ratings	CEI 2011 R2		
Forms	Pellets		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.48	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	92		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	> 15.0	MPa	ASTM D638
Tensile Elongation (Break)	> 150	%	ASTM D638
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air (100°C, 168 hr)	4.0	%	IEC 60811
Change in Tensile Strain at Break in Air (100°C, 168 hr)	-8.0	%	IEC 60811
Heat Aging - 1 hr (150°C)	Pass		IEC 60811
Bending Test (-15°C)	Pass		
Hot Pressure Test - Residual ¹ (90°C)	65.0		IEC 60811
Halogen Content	14	%	IEC 60754-1
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	> 2.5E+14	ohms · cm	IEC 60167
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	30	%	ASTM D2863
Extrusion	Nominal Value	Unit	
Cylinder Zone 1 Temp.	160	°C	
Cylinder Zone 2 Temp.	170	°C	

Cylinder Zone 3 Temp.	175	°C
Cylinder Zone 4 Temp.	180	°C
Cylinder Zone 5 Temp.	185	°C
Die Temperature	190	°C

NOTE

1. 4 hr

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Recommended distributors for this material

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