

CROSSVINIL EK/3 AZ

Polyvinyl Chloride
Crosspolimeri S.p.A.

Message:

CROSSVINIL EK/3 AZ is a special compound having flame retardant characteristics.
CROSSVINIL EK/3 AZ is lead free and has low halogen emissions. Suitable for extrusion of electrical cables insulation.

General Information			
Features	Flame Retardant		
	Low Halogen Content		
Uses	Insulation		
	Wire & Cable Applications		
Agency Ratings	CEI 2011 R-RZ		
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)	86		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	17.0	MPa	ASTM D638
Tensile Elongation (Break)	170	%	ASTM D638
Aging	Nominal Value		
Heat Aging - 1 hr (150°C)	Pass		
Bending Test (-25°C)	Pass		
Corrosive Gas in Smoke	< 22.0		IEC 60754
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	33	%	ASTM D2863
Extrusion	Nominal Value	Unit	
Cylinder Zone 1 Temp.	140	°C	
Cylinder Zone 2 Temp.	145	°C	
Cylinder Zone 3 Temp.	150	°C	
Cylinder Zone 4 Temp.	170	°C	
Cylinder Zone 5 Temp.	170	°C	
Die Temperature	175	°C	

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