

CROSSVINIL EK/1 TPZ

Polyvinyl Chloride

Crosspolimeri S.p.A.

Message:

CROSSVINIL EK/1 TPZ is a special compound having different self-extinguishing characteristics.

CROSSVINIL EK/1 TPZ is a special compound suitable for automotive cables insulation. EK/1 TPZ is lead free.

FIAT 7.Z8220- 91107/03 T2,FLRY for cable size > 0,50 mm²

Exercise temperature: - 40 + 105°C

Certify: FIAT 7.Z8220 T2,ISO 6722 Class B

General Information			
Features	Low (to None) Lead Content		
	Self Extinguishing		
Uses	Automotive Applications		
	Insulation		
	Wire & Cable Applications		
Forms	Pellets		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	1.33	g/cm ³	ISO 1183
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A)	95		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	> 16.0	MPa	ISO 527-2
Tensile Strain (Break)	> 200	%	ISO 527-2
Aging	Nominal Value		Test Method
Heat Aging - 1 hr (150°C)	No Crack		IEC 60811
Hot Pressure Test - Penetration ¹ (120°C)	< 30	%	IEC 60811
Service Temperature	-40 to 105	°C	
Thermal Stability	> 3	hr	VDE 0472
Loss of Mass - 240 hr (115°C)	12.0	g/m ²	IEC 60167
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	1.0E+14	ohms · cm	BS 6622
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	26	%	ASTM D2863
Extrusion	Nominal Value	Unit	
Cylinder Zone 1 Temp.	180	°C	
Cylinder Zone 2 Temp.	185	°C	
Cylinder Zone 3 Temp.	190	°C	

Cylinder Zone 4 Temp.	190	°C
Cylinder Zone 5 Temp.	200	°C
Die Temperature	210	°C

NOTE

1. 1 hr

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