

CROSSVINIL EK/500 1Z

Polyvinyl Chloride
Crosspolimeri S.p.A.

Message:

CROSSVINIL: a special series of PVC compounds.
CROSSVINIL EK/500 1Z: we have studied a special series of compounds suitable for automotive cables insulation.
EK/500 1Z :the compound is lead free
Exercise temperature: - 40 + 125°C
Certify: FIAT 7.Z8220;91107/03 T3

General Information			
Features	Low (to None) Lead Content		
Uses	Automotive Applications		
	Insulation		
	Wire & Cable Applications		
Forms	Pellets		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.33	g/cm³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A	95		
Shore D	54		
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	> 15.0	MPa	IEC 60811
Tensile Strain (Break)	> 180	%	IEC 60811
Thermal	Nominal Value	Unit	Test Method
Thermal Stability	> 5	hr	ISO 182/A
Head Temperature	195	°C	
Extrusion	Nominal Value	Unit	
Cylinder Zone 1 Temp.	150	°C	
Cylinder Zone 2 Temp.	160	°C	
Cylinder Zone 3 Temp.	170	°C	
Cylinder Zone 4 Temp.	180	°C	
Die Temperature	195	°C	

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Recommended distributors for this material

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