

K-vinyl 125 Deg C Rating Insulation (Auto)

Polyvinyl Chloride
Technovinyl Polymers India Ltd.

Message:

K-vinyl 125 Deg C Rating Insulation (Auto) is a Polyvinyl Chloride material. It is available in Africa & Middle East for extrusion.
Important attributes of K-vinyl 125 Deg C Rating Insulation (Auto) are:
RoHS Compliant
Fast Molding Cycle
Heat Resistant
Typical application of K-vinyl 125 Deg C Rating Insulation (Auto): Wire & Cable

General Information			
Features	Fast Molding Cycle		
	High Heat Resistance		
	Low (to None) Lead Content		
Uses	Thin-walled Insulation		
	Wire & Cable Applications		
Agency Ratings	ISO 6722 Class C		
RoHS Compliance	RoHS Compliant		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.32	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	91		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	17.6	MPa	ASTM D638
Tensile Elongation (Break)	290	%	ASTM D638
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air (120°C, 120 hr)	12	%	ASTM D573
Change in Ultimate Elongation in Air (120°C, 120 hr)	12	%	ASTM D573
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-27.0	°C	ASTM D746
Thermal Stability (200°C)	2	hr	
Volatile Loss - 3 hrs (130°C)	< 0.50	%	
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	1.4E+14	ohms · cm	ASTM D257

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