

Sylvin 7833-80 Orange 5107

Polyvinyl Chloride
Sylvin Technologies Incorporated

Message:
Sylvin 7833-80 Orange 5107 Is A Vinyl Compound Formulated For Electrical Molding Applications. This Compound Is Listed As A Recognized Component By Unrderwriters Laboratories.

General Information			
UL YellowCard	E86418-252037		
Uses	Electrical/Electronic Applications		
Appearance	Orange		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.39	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shaw A	80		ASTM D2240
Shaw A, 10 seconds	80		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	6.89	MPa	ASTM D638
Tensile Elongation (Break)	200	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tear Strength	35.0	kN/m	ASTM D624
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-20.0	°C	ASTM D746
Melting Temperature	166 - 177	°C	
Flammability	Nominal Value	Unit	Test Method
Flame Rating	HB		UL 94
Oxygen Index	23	%	ASTM D2863

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