

Sylvin Technologies 6147-83 PVC Wire/Cable Compound

Category : Polymer , Thermoplastic , Vinyl (PVC) , PVC, Wire and Cable Grade

Material Notes:

Information provided by Sylvin Technologies Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Sylvin-Technologies-6147-83-PVC-WireCable-Compound.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.34 g/cc	1.34 g/cc	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	83	83	10 seconds
Tensile Strength, Ultimate	15.9 MPa	2300 psi	
Elongation at Break	300 %	300 %	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	<= 80.0 °C	<= 176 °F	
Minimum Service Temperature, Air	-45.0 °C	-49.0 °F	Low Temperature Flexibility
Brittleness Temperature	-32.0 °C	-25.6 °F	
Oxygen Index	26.8 %	26.8 %	

Processing Properties	Metric	English	Comments
Processing Temperature	168 - 179 °C	335 - 355 °F	Recommended Stock Temperature

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