

Sylvin Technologies 5120 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-5120-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	89	89	10 seconds
Tensile Strength, Ultimate	17.2 MPa	2500 psi	
Elongation at Break	360 %	360 %	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	90.0 - 105 °C	194 - 221 °F	
Minimum Service Temperature, Air	-40.0 °C	-40.0 °F	Low Temperature Flexibility
Brittleness Temperature	-23.0 °C	-9.40 °F	
Flammability, UL94	V-1	V-1	VW-1
Oxygen Index	28.4 %	28.4 %	

Processing Properties	Metric	English	Comments
Processing Temperature	171 - 182 °C	340 - 360 °F	Recommended Stock Temperature

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