

Sylvin Technologies 5108 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-5108-PVC-WireCable-Compound.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.32 g/cc	1.32 g/cc	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	80	80	10 seconds
Tensile Strength, Ultimate	15.9 MPa	2300 psi	
Elongation at Break	400 %	400 %	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	90.0 - 105 Å°C	194 - 221 Å°F	
Minimum Service Temperature, Air	-40.0 Å°C	-40.0 Å°F	Low Temperature Flexibility
Brittleness Temperature	-29.0 Å°C	-20.2 Å°F	
Flammability, UL94	V-1	V-1	VW-1
Oxygen Index	24.5 %	24.5 %	

Processing Properties	Metric	English	Comments
Processing Temperature	166 - 177 Å°C	330 - 350 Å°F	Recommended Stock Temperature

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