

Sylvin Technologies 503 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-503-PVC-WireCable-Compound.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.42 g/cc	1.42 g/cc	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	85	85	10 seconds
Tensile Strength, Ultimate	14.5 MPa	2100 psi	
Elongation at Break	350 %	350 %	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	60.0 - 80.0 Â°C	140 - 176 Â°F	
Minimum Service Temperature, Air	-40.0 Â°C	-40.0 Â°F	Low Temperature Flexibility
Brittleness Temperature	-29.0 Â°C	-20.2 Â°F	
Flammability, UL94	V-1	V-1	VW-1
Oxygen Index	26.9 %	26.9 %	

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

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