

Sylvin Technologies 916V0 Black PVC for Injection Molding

Category : Polymer , Thermoplastic , Vinyl (PVC) , PVC, Molded

Material Notes:

Information provided by Sylvin Technologies Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Sylvin-Technologies-916V0-Black-PVC-for-Injection-Molding.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.48 g/cc	1.48 g/cc	
Thickness	3000 microns	118 mil	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	89	89	10 seconds
Tensile Strength, Ultimate	15.5 MPa	2250 psi	
Elongation at Break	320 %	320 %	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	50.0 Å°C	122 Å°F	RTI
Flammability, UL94	V-0	V-0	

Electrical Properties	Metric	English	Comments
Comparative Tracking Index	400 - 600 V	400 - 600 V	
Hot Wire Ignition, HWI	>= 120 sec	>= 120 sec	
High Amp Arc Ignition, HAI	30 - 60 arcs	30 - 60 arcs	

Processing Properties	Metric	English	Comments
Melt Temperature	171 - 182 Å°C	340 - 360 Å°F	

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