

## Sylvin Technologies 9604-85C Clear 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-9604-85C-Clear-PVC-for-Injection-Molding.php](http://www.lookpolymers.com/polymer_Sylvin-Technologies-9604-85C-Clear-PVC-for-Injection-Molding.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.30 g/cc	1.30 g/cc	
Thickness	1000 microns	39.4 mil	

Mechanical Properties	Metric	English	Comments
Hardness, Shore C	85	85	At 10 seconds
Tensile Strength, Ultimate	23.4 MPa	3400 psi	
Elongation at Break	280 %	280 %	

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

Optical Properties	Metric	English	Comments
Transmission, Visible	90 %	90 %	clear; thickness not quantified

Processing Properties	Metric	English	Comments
Melt Temperature	177 - 191 Å°C	350 - 375 Å°F	

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