

**Solvay Technyl® C 217 Unfilled, Heat Stabilized, Impact Modified Nylon 6**

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6 , Heat Stabilized

**Material Notes:**

Information provided by Rhodia; Rhodia has been acquired by Solvay.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Solvay-Technyl-C-217-Unfilled-Heat-Stabilized-Impact-Modified-Nylon-6.php](http://www.lookpolymers.com/polymer_Solvay-Technyl-C-217-Unfilled-Heat-Stabilized-Impact-Modified-Nylon-6.php)

Physical Properties	Metric	English	Comments
Density	1.14 g/cc	0.0412 lb/in <sup>3</sup>	ISO 1183-A
Water Absorption	1.3 %	1.3 %	24 Hr.; ISO 62

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	85.01 MPa	12330 psi	ISO 527
Elongation at Break	100 %	100 %	ISO 527
Tensile Modulus	2.95 GPa	428 ksi	ISO 527
Flexural Strength	115 MPa	16700 psi	ISO 178
Flexural Modulus	2.90 GPa	421 ksi	ISO 178
Izod Impact, Notched (ISO)	4.49 kJ/m <sup>2</sup>	2.14 ft-lb/in <sup>2</sup>	ISO 180

Thermal Properties	Metric	English	Comments
Melting Point	222 Â°C	432 Â°F	ISO 3146-C
Deflection Temperature at 1.8 MPa (264 psi)	80.0 Â°C	176 Â°F	ISO 75-2

Processing Properties	Metric	English	Comments
Drying Temperature	80.0 Â°C	176 Â°F	Dehumidifying Dryer
Dry Time	3 - 4 hour	3 - 4 hour	

**Contact Songhan Plastic Technology Co.,Ltd.**Website : [www.lookpolymers.com](http://www.lookpolymers.com)Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China