

## Solvay TECHNYLÂ® C 206 PA6, DRY

Category : Polymer , Thermoplastic , Nylon , Nylon 6

### Material Notes:

Description: Unreinforced Polyamide PA6, standard for fast cycling, for injection molding. Available in: Europe  
 Product Applications: TECHNYLÂ® C 206 has fluidity and a good mould release, favored by a high crystallization rate. It is especially suitable for the production of technical moldings with fast injection cycles. This product is available in natural. 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-206-PA6-DRY.php](http://www.lookpolymers.com/polymer_Solvay-TECHNYL-C-206-PA6-DRY.php)

Physical Properties	Metric	English	Comments
Density	1.14 g/cc	0.0412 lb/inÂ³	ISO 1183/A
Water Absorption	1.3 % @Temperature 23.0 Â°C, Time 86400 sec	1.3 % @Temperature 73.4 Â°F, Time 24.0 hour	ISO 62

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	85.0 MPa	12300 psi	ISO 527 type 1 A
Tensile Modulus	2.85 GPa	413 ksi	ISO 527 Type 1A
Flexural Strength	115 MPa	16700 psi	ISO 178
Flexural Modulus	2.80 GPa	406 ksi	ISO 178
Izod Impact, Notched (ISO)	5.00 kJ/mÂ²	2.38 ft-lb/inÂ²	ISO 180/1eA

Thermal Properties	Metric	English	Comments
CTE, linear, Parallel to Flow	70.0 Âµm/m-Â°C @Temperature 23.0 - 85.0 Â°C	38.9 Âµin/in-Â°F @Temperature 73.4 - 185 Â°F	ISO 11359
Melting Point	222 Â°C	432 Â°F	ISO 11357
Deflection Temperature at 1.8 MPa (264 psi)	80.0 Â°C	176 Â°F	ISO 75/ Af

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+14 ohm-cm	1.00e+14 ohm-cm	IEC 60093
Surface Resistance	1.00e+12 ohm	1.00e+12 ohm	IEC 60093

Dielectric Constant Electrical Properties	3.4 Metric	3.4 English	IEC 60250 Comments
Dissipation Factor	0.020	0.020	IEC 60250

Processing Properties	Metric	English	Comments
Feed Temperature	220 - 230 Â°C	428 - 446 Â°F	
Front Barrel Temperature	230 - 240 Â°C	446 - 464 Â°F	
Mold Temperature	20.0 - 50.0 Â°C	68.0 - 122 Â°F	
Drying Temperature	80.0 Â°C	176 Â°F	
Moisture Content	<= 0.20 %	<= 0.20 %	

Descriptive Properties	Value	Comments
Compression Zone	225-235Â°C	

## Contact Songhan Plastic Technology Co.,Ltd.

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