

## Solvay TECHNYLÂ® PSB 286 PA6, Conditioned

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6 , Unreinforced

### Material Notes:

Description: Unreinforced polyamide PA6, with very good lubrication, standard for fast injection cycles, for injection molding. Available in: North America  
 Product Applications: This grade has high fluidity and good mould release. It is particularly suitable for the production of technical moldings with fast injection cycles. Information provided by Rhodia, Rhodia has been acquired by Solvay.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Solvay-TECHNYL-PSB-286-PA6-Conditioned.php](http://www.lookpolymers.com/polymer_Solvay-TECHNYL-PSB-286-PA6-Conditioned.php)

Physical Properties	Metric	English	Comments
Density	1.14 g/cc	0.0412 lb/in <sup>3</sup>	ISO 1183/A

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	41.0 MPa	5950 psi	ISO 527 Type 1A
Tensile Strength, Yield	45.0 MPa	6530 psi	ISO 527 type 1 A
Elongation at Break	82 %	82 %	ISO 527 Type 1A
Tensile Modulus	1.30 GPa	189 ksi	ISO 527 Type 1A
Flexural Strength	40.0 MPa	5800 psi	ISO 178
Flexural Modulus	1.00 GPa	145 ksi	ISO 178
Charpy Impact Unnotched	NB	NB	ISO 179/1eU
Charpy Impact, Notched	8.10 J/cm <sup>2</sup>	38.5 ft-lb/in <sup>2</sup>	ISO 179/1eA

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+10 ohm-cm	1.00e+10 ohm-cm	IEC 60093
Surface Resistance	1.00e+10 ohm	1.00e+10 ohm	IEC 60093
Dielectric Constant	3.9	3.9	IEC 60250
Dielectric Strength	18.0 kV/mm	457 kV/in	IEC 60243
Dissipation Factor	0.10	0.10	IEC 60250

Processing Properties	Metric	English	Comments
Moisture Content	<= 0.20 %	<= 0.20 %	

## **Contact Songhan Plastic Technology Co.,Ltd.**

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