

## Solvay TECHNYLÂ® C 52G3 MZ25 PA6, Conditioned

Category : Polymer , Thermoplastic , Nylon , Nylon 6

**Material Notes:**

Description: Flame retardant polyamide PA6 reinforced with mineral filler, for injection molding. Available in: Asia Pacific, Europe, Latin America and North America Product Applications: This phosphorus and halogen free flame retardant grade is particularly suitable for equipment with robust glow wire resistance such as MCB housings. This grade is available in grey color. 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-52G3-MZ25-PA6-Conditioned.php](http://www.lookpolymers.com/polymer_Solvay-TECHNYL-C-52G3-MZ25-PA6-Conditioned.php)

Physical Properties	Metric	English	Comments
Density	1.37 g/cc	0.0495 lb/inÂ³	ISO 1183/A

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	35.0 MPa	5080 psi	ISO 527 Type 1A
Tensile Strength, Yield	35.0 MPa	5080 psi	ISO 527 type 1 A
Elongation at Break	12.2 %	12.2 %	ISO 527 Type 1A
Elongation at Yield	18.2 %	18.2 %	ISO 527 type 1 A
Tensile Modulus	2.50 GPa	363 ksi	ISO 527 Type 1A
Flexural Strength	56.0 MPa	8120 psi	ISO 178
Flexural Modulus	2.30 GPa	334 ksi	ISO 178
Charpy Impact Unnotched	6.00 J/cmÂ²	28.6 ft-lb/inÂ²	ISO 179/1eU
Charpy Impact, Notched	0.580 J/cmÂ²	2.76 ft-lb/inÂ²	ISO 179/1eA

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

## 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