

Solvay TECHNYLÂ® A 258 PA Black 2N PA66, DRY

Category : Polymer , Thermoplastic , Nylon , Nylon 66

Material Notes:

Description: Unreinforced and modified polyamide 66, UV and thermal stabilized with excellent impact resistance, for injection molding. Available in: Europe Product Applications: TECHNYLÂ® A 258P1 BLACK 2N offers excellent impact resistance properties at ambient and low temperature and special low rigidity. This grade is commonly used for fasteners, cable ties and dowels. This product is available in black. Information provided by Rhodia, Rhodia has been acquired by Solvay.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Solvay-TECHNYL-A-258-PA-Black-2N-PA66-DRY.php

Physical Properties	Metric	English	Comments
Density	1.07 g/cc	0.0387 lb/inÂ³	ISO 1183/A

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	44.0 MPa	6380 psi	ISO 527 Type 1A
Elongation at Break	290 %	290 %	ISO 527 Type 1A
Tensile Modulus	1.175 GPa	170.4 ksi	ISO 527 Type 1A
Charpy Impact, Notched	1.17 J/cmÂ²	5.57 ft-lb/inÂ²	ISO 179/1eA
	@Temperature -30.0 Â°C	@Temperature -22.0 Â°F	
	9.05 J/cmÂ²	43.1 ft-lb/inÂ²	ISO 179/1eA
	@Temperature 23.0 Â°C	@Temperature 73.4 Â°F	

Thermal Properties	Metric	English	Comments
Flammability, UL94	HB	HB	1210
	@Thickness 0.800 mm	@Thickness 0.0315 in	
	HB	HB	
	@Thickness 1.60 mm	@Thickness 0.0630 in	1210
	HB	HB	1210
	@Thickness 3.20 mm	@Thickness 0.126 in	

Processing Properties	Metric	English	Comments
Feed Temperature	260 - 270 Â°C	500 - 518 Â°F	
Mold Temperature	50.0 Â°C	122 Â°F	

Processing Properties	Metric	English	Comments
Drying Temperature	30.0 Å C	77.0 Å F	
Moisture Content	<= 0.20 %	<= 0.20 %	

Descriptive Properties	Value	Comments
Compression Zone	270-275Å°C	

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