

Plastcom PLASTAMID® 66 BT N 32 A PA66

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, Unreinforced

Material Notes:

PA66 basic type for injection molding, compounding, extrusion. Use: automotive, engineering, electrical and consumer-goods industry - electrical tools, fasteners, clamps, hobby tools, toys. Delivered in the natural mode and in black. Information Provided by Plastcom spol. s r.o.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Plastcom-PLASTAMID-66-BT-N-32-A-PA66.php

Physical Properties	Metric	English	Comments
Density	1.13 g/cc	0.0408 lb/in ³	STN EN ISO 1183-1
Melt Flow	2.0 g/10 min	2.0 g/10 min	STN EN ISO 1133
	@Load 0.325 kg, Temperature 275 °C	@Load 0.716 lb, Temperature 527 °F	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	85.0 MPa	12300 psi	STN EN ISO 527-2
Elongation at Break	3.5 %	3.5 %	STN EN ISO 527-2
Tensile Modulus	2.90 GPa	421 ksi	STN EN ISO 527-2
Flexural Strength	120 MPa	17400 psi	STN EN ISO 178
Flexural Modulus	2.70 GPa	392 ksi	STN EN ISO 178
Charpy Impact Unnotched	NB	NB	STN EN ISO 179
	@Temperature 23.0 °C	@Temperature 73.4 °F	
	NB	NB	STN EN ISO 179
	@Temperature -20.0 °C	@Temperature -4.00 °F	
Charpy Impact, Notched	0.200 J/cm ²	0.952 ft-lb/in ²	STN EN ISO 179
	@Temperature 23.0 °C	@Temperature 73.4 °F	
	0.200 J/cm ²	0.952 ft-lb/in ²	STN EN ISO 179
	@Temperature -20.0 °C	@Temperature -4.00 °F	

Thermal Properties	Metric	English	Comments
Melting Point	260 °C	500 °F	STN EN 11357-1

Processing Properties	Metric	English	Comments
Melt Temperature	240 - 260 °C	464 - 500 °F	
Mold Temperature	60.0 - 80.0 °C	140 - 176 °F	
Drying Temperature	80.0 °C	176 °F	
	@Time 14400 sec	@Time 4.00 hour	
Moisture Content	0.25 %	0.25 %	STN EN ISO 3344
Injection Pressure	70.0 - 120 MPa	10200 - 17400 psi	

Descriptive Properties	Value	Comments
Color	Black and Natural	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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