

Plastcom PLASTAMID® 610 BT N 32 C PA610

Category : Polymer , Thermoplastic , Nylon , Nylon 610

Material Notes:

Basic type PA610 for injection molding, modified for general use. Use: extrusion, filaments, injection molding. Delivered in the natural color. Information Provided by Plastcom spol. s r.o.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Plastcom-PLASTAMID-610-BT-N-32-C-PA610.php

Physical Properties	Metric	English	Comments
Density	1.10 g/cc	0.0397 lb/in ³	STN EN ISO 1183-1
Melt Flow	4.0 g/10 min @Load 0.325 kg, Temperature 275 °C	4.0 g/10 min @Load 0.716 lb, Temperature 527 °F	STN EN ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	60.0 MPa	8700 psi	STN EN ISO 527-2
Elongation at Break	3.5 %	3.5 %	STN EN ISO 527-2
Tensile Modulus	2.60 GPa	377 ksi	STN EN ISO 527-2
Flexural Strength	72.0 MPa	10400 psi	STN EN ISO 178
Flexural Modulus	1.67 GPa	242 ksi	STN EN ISO 178
Charpy Impact Unnotched	3.00 J/cm ² @Temperature 23.0 °C	14.3 ft-lb/in ² @Temperature 73.4 °F	STN EN ISO 179
	4.50 J/cm ² @Temperature -20.0 °C	21.4 ft-lb/in ² @Temperature -4.00 °F	STN EN ISO 179
Charpy Impact, Notched	0.360 J/cm ² @Temperature -20.0 °C	1.71 ft-lb/in ² @Temperature -4.00 °F	STN EN ISO 179
	0.370 J/cm ² @Temperature 23.0 °C	1.76 ft-lb/in ² @Temperature 73.4 °F	STN EN ISO 179

Thermal Properties	Metric	English	Comments
Melting Point	215 °C	419 °F	STN EN 11357-1

Processing Properties	Metric	English	Comments
-----------------------	--------	---------	----------

Melt Temperature Processing Properties	240 - 260 °C Metric	464 - 500 °F English	Comments
Drying Temperature	80.0 °C @Time 14400 sec	176 °F @Time 4.00 hour	
Moisture Content	0.25 %	0.25 %	STN EN ISO 3344

Descriptive Properties	Value	Comments
Color	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