

BASF Nypel® 2367G HS BK 15/25% Glass/Mineral Filled PA6 (Dry)

Category : Polymer , Renewable/Recycled Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6 , Glass/Mineral Reinforced

Material Notes:

Nypel 2367G HS BK-4 is a black pigmented, heat stabilized, 40% mineral and glass fiber reinforced injection molding compound based on recycled PA6 feedstocks. It possesses a balance of engineering properties in combination with excellent dimensional stability, low warp and good resistance to sink-mark formation. It is available in natural and black.

Order this product through the following link:

http://www.lookpolymers.com/polymer_BASF-Nypel-2367G-HS-BK-1525-GlassMineral-Filled-PA6-Dry.php

Physical Properties	Metric	English	Comments
Density	1.48 g/cc	0.0535 lb/in ³	ISO 1183
Water Absorption	0.90 %	0.90 %	24 hour; ISO Test
	5.7 %	5.7 %	ISO 62
Moisture Absorption at Equilibrium	1.6 %	1.6 %	23°C/50% R.H.; ISO 62
Linear Mold Shrinkage	0.0040 cm/cm	0.0040 in/in	ASTM Data; MD

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	121	121	ASTM Test
Tensile Strength at Break	120 MPa	17400 psi	0.2 in/min; ASTM Test
Tensile Strength, Ultimate	120 MPa	17400 psi	5mm/min; ISO 527
Elongation at Break	3.0 %	3.0 %	5mm/min; ISO 527
	3.0 %	3.0 %	0.2 in/min; ASTM Test
Flexural Strength	170 MPa	24700 psi	ISO Data
Flexural Modulus	6.63 GPa	962 ksi	ISO Data
	7.59 GPa	1100 ksi	ASTM Test
Izod Impact, Notched	0.500 J/cm @Thickness 3.17 mm	0.937 ft-lb/in @Thickness 0.125 in	ASTM Test
Izod Impact, Notched (ISO)	5.00 kJ/m ²	2.38 ft-lb/in ²	ISO Test
Charpy Impact Unnotched	4.80 J/cm ²	22.8 ft-lb/in ²	ISO 179
Charpy Impact, Notched	0.450 J/cm ²	2.14 ft-lb/in ²	ISO 179

Thermal Properties	Metric	English	Comments
CTE, linear	31.0 $\mu\text{m}/\text{m}\cdot^{\circ}\text{C}$	17.2 $\mu\text{in}/\text{in}\cdot^{\circ}\text{F}$	ASTM Test
	@Temperature -30.0 - 30.0 $^{\circ}\text{C}$	@Temperature -22.0 - 86.0 $^{\circ}\text{F}$	
Melting Point	220 $^{\circ}\text{C}$	428 $^{\circ}\text{F}$	10 K/min
	220 $^{\circ}\text{C}$	428 $^{\circ}\text{F}$	ASTM Test
Deflection Temperature at 0.46 MPa (66 psi)	217 $^{\circ}\text{C}$	423 $^{\circ}\text{F}$	ISO 75
Deflection Temperature at 1.8 MPa (264 psi)	198 $^{\circ}\text{C}$	388 $^{\circ}\text{F}$	ISO 75
	203 $^{\circ}\text{C}$	397 $^{\circ}\text{F}$	ASTM Test

Descriptive Properties	Value	Comments
Color	BK	
Commercial Status	Active America	
Form	Pellets	
Impact Modified	No	
Primary Processing Technique	Injection Molding	
Processing	Injection Molding	

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