

Nypel® 2367G HS BK

Polyamide 6

Product Description

Nypel 2367G HS BK is a semi crystalline, heat stabilized, low viscosity, 40% mineral and glass fiber reinforced black PA6 injection molding compound. It possesses a balance of engineering properties in combination with excellent dimensional stability, good flow and processability, low warp and good chemical, abrasion and sink-mark formation resistance.

Applications

Nypel 2367G HS BK is generally recommended for applications such as rotors, wheels, rims, timing belt covers, automotive cooling fans and shrouds.

PHYSICAL	ISO Test Method	Property Value	
Density, g/cm	1183	1.48	
Moisture, %	62		
(24 Hour)		0.9	
(50% RH)		1.6	
(Saturation)		5.7	
MECHANICAL	ISO Test Method	Dry	Conditioned
Tensile stress at break, MPa	527		
23C		120	-
Tensile strain at break, %	527		
23C		3	-
Flexural Strength, MPa	178		
23C		170	-
Flexural Modulus, MPa	178		
23C		6,630	-
IMPACT	ISO Test Method	Dry	Conditioned
Izod Notched Impact, kJ/m ²	180		
23C		5	-
Charpy Notched, kJ/m ²	179		
23C		4.5	-
Charpy Unnotched, kJ/m ²	179		
23C		48	-
THERMAL	ISO Test Method	Dry	Conditioned
Melting Point, C	3146	220	-
HDT A, C	75	198	-
HDT B, C	75	217	-

