

Nypel® 2314 HS BK6

Polyamide 6

Product Description

Nypel 2314 HS BK6 is a black pigmented, low viscosity, heat stabilized, semi crystalline, injection molding compound. It also offers the following: good chemical and thermal aging resistance, good flow and processability, as well as good dimensional stability.

Applications

Nypel 2314 HS BK6 is generally recommended for applications such as hardware, handles, clips and fasteners.

PHYSICAL	ISO Test Method	Property Value	
Density, g/cm	1183	1.13	
Moisture, %	62		
(24 Hour)		1.6	
(50% RH)		2.7	
(Saturation)		9.5	
MECHANICAL	ISO Test Method	Dry	Conditioned
Tensile stress at yield, MPa	527		
23C		80	-
Nominal strain at break, %	527		
23C		44	-
Flexural Modulus, MPa	178		
23C		2,620	-
IMPACT	ISO Test Method	Dry	Conditioned
Izod Notched Impact, kJ/m ²	180		
23C		5.5	-
THERMAL	ISO Test Method	Dry	Conditioned
Melting Point, C	3146	220	-
HDT A, C	75	58	-
UL RATINGS	UL Test Method	Property Value	
Flammability Rating, 1.5mm	UL94	HB	
Relative Temperature Index, 1.5mm	UL746B		
Mechanical w/o Impact, C		65	
Mechanical w/ Impact, C		65	
Electrical, C		65	

