

PRODUCT DATA SHEET

LEXMIDE NY-6600BK

Description :

Lexmide NY-6600BK is PA66 compound used r-PA66 with high flow & high impact.

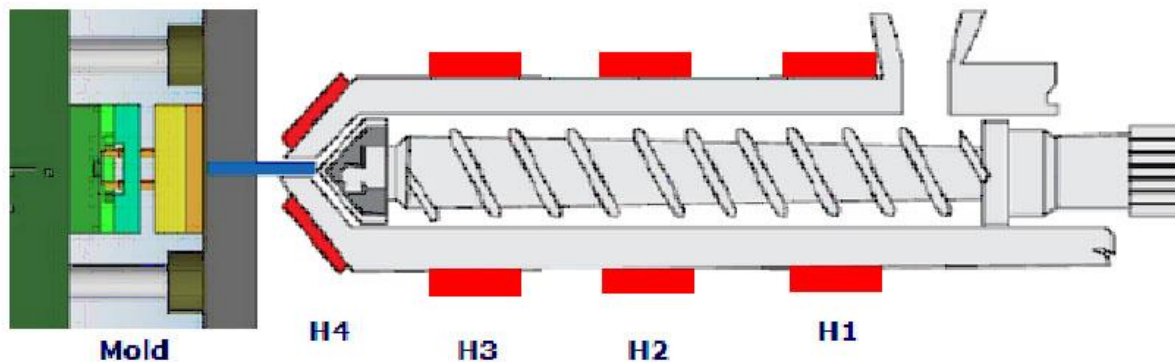
The product is available in black color or pre-colored pellet form which a well-balanced combination of engineering properties characterized by high strength, good toughness, high impact, good surface lubricity, abrasion resistance and resistant low temperature.

Suggested molding conditions is melt temperature 270-290°C, mold temperature 80-90°C.

Application : Automotive parts , Electronics part etc.

General properties	Value	Unit	Test method
Density	1.15	g/cm ³	ISO 1183
Melt flow rate ,@275°C, 2.16 kgf	71	g/10min	ISO 1133
Mechanical properties			
Charpy impact notched, 4mm @+23°C	5	KJ / m ²	ISO 179
Tensile stress, @ yield, 50 mm/min	75	MPa	ISO 527
Tensile strain, @ break, 50 mm/min	70	%	ISO 527
Flexural strength, @yield, 10 mm/min	99	MPa	ISO 178
Flexural modulus, 1% secant , 10 mm/min	2.6	GPa	ISO 178
Thermal properties			
Heat Deflection temperature @ 0.45MPa, 4mm	182	°C	ISO 75
Melting point, 10°C/min	265	°C	ISO 11357
Flame Properties			
Flammability	V-2	-	UL-94

PROCESSING GUIDE of LEXMIDE NY-6600BK



Parameter Injection Molding		Value	Unit
Drying Temperature (De-humidifying)		°C	80 ~ 90
Drying Time		Hr	4 ~ 6
Maximum moisture content		%	0.02
Melt Temperature		°C	270 ~ 290
Cylinder Temperature	H4	°C	270 ~ 285
	H3	°C	270 ~ 280
	H2	°C	270 ~ 280
	H1	°C	270 ~ 275
Mold Temperature		°C	60 ~ 90
Back Pressure		MPa	0.3 ~ 0.7
Screw rotating speed		rpm	20 ~ 100