TRIMID® N66-S100HL-BK

Polyamide 66

Polymer Technology and Services, LLC

Message:

TRIMID® N66-S100HL-BK is a Polyamide 66 (Nylon 66) product. It can be processed by injection molding and is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America.
Characteristics include:
Heat Stabilizer
Impact Resistant

General Information			
Additive	Heat Stabilizer		
Features	Heat Stabilized High Impact Resistance		
Appearance	Black		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Specific Gravity	1.08	g/cm³	ASTM D792
Molding Shrinkage - Flow	1.8	%	ASTM D955
Water Absorption (24 hr)	1.2	%	ASTM D570
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength			ASTM D638
Yield	46.9	MPa	
Ultimate	44.8	MPa	
Tensile Elongation (Break)	100	%	ASTM D638
Flexural Modulus	1790	MPa	ASTM D790
Flexural Strength (Yield)	65.5	MPa	ASTM D790
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact (3.17 mm)	850	J/m	ASTM D256
Thermal	**Nominal Value**	**Unit**	**Test Method**
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	216	°C	
1.8 MPa, Unannealed	71.0	°C	
Melting Temperature	255	°C	
Injection	**Nominal Value**	**Unit**	
Drying Temperature	71.1	°C	
Drying Time	4.0	hr	
Rear Temperature	254	°C	
Middle Temperature	268	°C	

Front Temperature	285	°C
Nozzle Temperature	266 to 282	°C
Processing (Melt) Temp	271 to 293	°C
Mold Temperature	26.7 to 93.3	°C
Injection Pressure	68.9	MPa
Back Pressure	0.0689 to 0.689	MPa
Screw Speed	30 to 60	rpm

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

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WECHAT