Nycal™ 2120H Bk-7

Polyamide 66

Technical Polymers, LLC

Message:

Nycal™The 212 H Bk-7 is a polyamide 66 (nylon 66) material. This product is available in North America and is processed by injection molding.
Nycal™The main features of the 212 H Bk-7 are:
flame retardant/rated flame
good weather resistance
heat stabilizer

General Information			
Additive	heat stabilizer		
Features	Good weather resistance Thermal Stability		
Appearance	Black		
Forms	Particle		
Processing Method	Injection molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Specific Gravity	1.15	g/cm³	ASTM D792
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength (23°C)	89.6	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	15	%	ASTM D638
Flexural Modulus (23°C)	2960	MPa	ASTM D790
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact (23°C)	43	J/m	ASTM D256
Thermal	**Nominal Value**	**Unit**	**Test Method**
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	238	°C	ASTM D648
1.8 MPa, not annealed	87.8	°C	ASTM D648
Melting Temperature	260	°C	DSC
Electrical	**Nominal Value**	**Unit**	**Test Method**
Volume Resistivity	1.0E+14	ohms·cm	ASTM D257
Flammability	**Nominal Value**	**Unit**	**Test Method**
Flame Rating	HB		UL 94
Additional Information			
Tensile Elongation, ASTM D638: >15%Volum Resistivity, ASTM D257: >1e14 ohm-cm			
Injection	**Nominal Value**	**Unit**	
Drying Temperature	73.9 - 79.4	°C	
Drying Time	3.0 - 4.0	hr	
Processing (Melt) Temp	271 - 299	°C	

Mold Temperature	37.8 - 93.3	°C

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China