

LTL Color Compounds ColorFast® NY2GF131 Nylon 66, 13% Glass-Filled, Impact Modified

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, 10% Glass Fiber Filled

Material Notes:

13% glass-filled impact modified nylon 6,6All information provided by LTL Color Compounders, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_LTL-Color-Compounds-ColorFast-NY2GF131-Nylon-66-13-Glass-Filled-Impact-Modified.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.19 g/cc	1.19 g/cc	ASTM D792
Water Absorption	1.5 %	1.5 %	@ 24 Hours; ASTM D570
Linear Mold Shrinkage	0.0030 - 0.010 cm/cm	0.0030 - 0.010 in/in	0.125; ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	115	115	ASTM D785
Tensile Strength, Yield	75.8 MPa	11000 psi	2.0 in/min; ASTM D638
Elongation at Break	15 %	15 %	2.0 in/min; ASTM D638
Elongation at Yield	7.0 %	7.0 %	2.0 in/min; ASTM D638
Flexural Strength	138 MPa	20000 psi	2.0 in/min; ASTM D790
Flexural Modulus	4.14 GPa	600 ksi	2.0 in/min; ASTM D790
Izod Impact, Notched	1.33 J/cm @Temperature 22.8 Â°C	2.50 ft-lb/in @Temperature 73.0 Â°F	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	221 Â°C	430 Â°F	Unannealed (0.250"); ASTM D648

Processing Properties	Metric	English	Comments
Rear Barrel Temperature	260 - 293 Â°C	500 - 560 Â°F	
Middle Barrel Temperature	266 - 293 Â°C	510 - 560 Â°F	
Front Barrel Temperature	266 - 293 Â°C	510 - 560 Â°F	
Nozzle Temperature	260 - 288 Â°C	500 - 550 Â°F	

Melt Temperature Processing Properties	279 - 304 Â°C Metric	535 - 580 Â°F English	Comments
Mold Temperature	37.8 - 93.3 Â°C	100 - 200 Â°F	
Drying Temperature	82.2 Â°C	180 Â°F	
Dry Time	2 - 4 hour	2 - 4 hour	nominal; maximum drying time of 8 hours
Back Pressure	0.345 - 0.689 MPa	50.0 - 100 psi	
Shot Size	30 - 60 %	30 - 60 %	
Vent Depth	0.00381 - 0.00762 cm	0.00150 - 0.00300 in	
Screw Speed	60 - 120 rpm	60 - 120 rpm	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China