

Hiprolon® 400 MNWHL G15

Polyamide 1012

Arkema

Message:

Hiprolon ® 400 MNWHL G15 is a polyamide 10.12 produced from a renewable source and reinforced with 15% glass fiber. This black grade is designed for injection molding.

MAIN APPLICATIONS

Injection molding.

General Information			
Filler / Reinforcement	Glass Fiber,15% Filler by Weight		
Features	Renewable Resource Content		
Appearance	Black		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.14	g/cm³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3950	MPa	ISO 527-2
Tensile Stress (Yield)	86.0	MPa	ISO 527-2
Tensile Strain (Break)	10	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179
-30°C	8.0	kJ/m²	
23°C	14	kJ/m²	
Charpy Unnotched Impact Strength			ISO 179
-30°C	59	kJ/m²	
23°C	83	kJ/m²	
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	189	°C	ISO 11357-3
Additional Information	Nominal Value	Unit	Test Method
ISO Shortname	PA 1012, MHLR, 22-040, GF 15		ISO 1874
Renewable Carbon Conent	> 43	%	ASTM D6866
Injection	Nominal Value	Unit	
Drying Temperature	80.0 to 90.0	°C	
Drying Time	4.0	hr	
Processing (Melt) Temp	230 to 280	°C	
Mold Temperature	60.0 to 100	°C	

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

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

