MAXAMID™ PA6G15HSL-BK

Polyamide 6

Pier One Polymers, Inc.

Message:

MAXAMID PA6G15 is available in natural and black, internal and external lubricants, UV stabilized and other modifications. Further information and details are available upon request.

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 15% filler by weight		
Additive	heat stabilizer Lubricant UV stabilizer		
Features	UV Stabilized Thermal Stability Lubrication		
Appearance	Black Natural color		
Forms	Particle		
Processing Method	Injection molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Specific Gravity	1.23	g/cm³	ASTM D792
Ash Content	13 - 17	%	ASTM D4218
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength (23°C)	117	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	6.0	%	ASTM D638
Flexural Modulus (23°C)	5170	MPa	ASTM D790
Flexural Strength (23°C)	186	MPa	ASTM D790
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact (23°C)	59	J/m	ASTM D256
Thermal	**Nominal Value**	**Unit**	**Test Method**
Deflection Temperature Under Load (1.8 MPa, Unannealed)	207	°C	ASTM D648
Peak Melting Temperature	220	°C	ASTM D3418
Injection	**Nominal Value**	**Unit**	
Suggested Max Moisture	0.20	%	
Processing (Melt) Temp	232 - 288	°C	
Mold Temperature	65 - 120	°C	

Recommended distributors for this material

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