

# MAXAMID™ PA6G40HSL-BK10

Polyamide 6  
Pier One Polymers, Inc.

Message:  
MAXAMID™PAG40 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,40% Filler by Weight		
Additive	Heat Stabilizer Lubricant		
Features	Heat Stabilized Lubricated		
Appearance	Black Colors Available Natural Color		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.45	g/cm <sup>3</sup>	ASTM D792
Ash Content	38 to 42	%	ASTM D4218
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	207	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	3.0	%	ASTM D638
Flexural Modulus (23°C)	10300	MPa	ASTM D790
Flexural Strength (23°C)	290	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	130	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	210	°C	ASTM D648
Peak Melting Temperature	220	°C	ASTM D3418
Injection	Nominal Value	Unit	
Suggested Max Moisture	< 0.20	%	
Processing (Melt) Temp	232 to 288	°C	
Mold Temperature	65.0 to 120	°C	

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infringement occurs, please contact us immediately.

#### Recommended distributors for this material

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