

MAXAMID™ PA66MG40-BK

Polyamide 66
Pier One Polymers, Inc.

Message:
MAXAMID™ PA66MG40 is also available in natural, internal and external lubricants, UV stabilized and other modifications. Further information and details are available upon request.

General Information			
Filler / Reinforcement	Glass \mineral, 40% filler by weight		
Additive	Lubricant UV stabilizer		
Features	UV Stabilized Lubrication		
Appearance	Black Natural color		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.49	g/cm³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	121	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	3.0	%	ASTM D638
Flexural Modulus (23°C)	8280	MPa	ASTM D790
Flexural Strength (23°C)	186	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	54	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	240	°C	ASTM D648
Peak Melting Temperature	259	°C	ASTM D3418
Injection	Nominal Value	Unit	
Suggested Max Moisture	0.20	%	
Processing (Melt) Temp	290 - 305	°C	
Mold Temperature	65 - 120	°C	

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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

