

# MAXAMID™ PA66M40-BK

Polyamide 66  
Pier One Polymers, Inc.

Message:

MAXAMID™ PA66M40 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	Mineral filler, 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	1.51	g/cm³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	96.5	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	3.0	%	ASTM D638
Flexural Modulus (23°C)	6900	MPa	ASTM D790
Flexural Strength (23°C)	152	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	43	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	200	°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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