

# MAXAMID™ RC666G43HSL-BK09

Polyamide 66/6 Copolymer

Pier One Polymers, Inc.

Message:

MAXAMID™ RC666G43 is available in black only, with internal and external lubricants, UV stabilized and other modifications are available. Manufactured with recycled content. Further information and details are available upon request.

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 43% filler by weight		
Additive	Lubricant		
	UV stabilizer		
Recycled Content	Yes		
Features	UV Stabilized		
	Lubrication		
Appearance	Black		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.50	g/cm <sup>3</sup>	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	172	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	3.0	%	ASTM D638
Flexural Modulus (23°C)	11400	MPa	ASTM D790
Flexural Strength (23°C)	241	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	110	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	215	°C	ASTM D648
Peak Melting Temperature	250	°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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Recommended distributors for this material

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