

MAXAMID™ RC6G43-BK09

Polyamide 6
Pier One Polymers, Inc.

Message:
MAXAMID™RC6G43 is available in natural and custom colors, internal and external lubricants, UV stabilized and other modifications. Manufactured with recycled content. Further information and details are available upon request.

General Information			
Filler / Reinforcement	Glass Fiber,43% Filler by Weight		
Recycled Content	Yes		
Appearance	Black		
	Colors Available		
	Natural Color		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.38	g/cm ³	ASTM D792
Ash Content	40 to 46	%	ASTM D4218
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	190	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	2.0	%	ASTM D638
Flexural Modulus (23°C)	10300	MPa	ASTM D790
Flexural Strength (23°C)	245	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	120	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	215	°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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Recommended distributors for this material

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