

MAXAMID™ EPDM2066-BK09W Process

Polyamide 66

Pier One Polymers, Inc.

Message:

MAXAMID™ EPDM2066 is available in natural and custom colors, internal and external lubricants, UV stabilized and other modifications. Further information and details are available upon request.

General Information			
Additive	Impact Modifier		
Features	Impact Modified		
Appearance	Black		
	Colors Available		
	Natural Color		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.07	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	46.9	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	80	%	ASTM D638
Flexural Modulus (23°C)	1690	MPa	ASTM D790
Flexural Strength (23°C)	65.5	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	860	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	71.0	°C	ASTM D648
Peak Melting Temperature	255	°C	ASTM D3418
Injection	Nominal Value	Unit	
Drying Temperature	79.0 to 88.0	°C	
Drying Time	2.0 to 4.0	hr	
Suggested Max Moisture	< 0.20	%	
Rear Temperature	277 to 299	°C	
Middle Temperature	271 to 293	°C	
Front Temperature	266 to 293	°C	
Nozzle Temperature	260 to 288	°C	
Processing (Melt) Temp	290 to 305	°C	
Mold Temperature	65.0 to 120	°C	
Injection Pressure	41.0 to 138	MPa	
Holding Pressure	34.0 to 103	MPa	

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Recommended distributors for this material

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