

# MAXAMID™ EPDM036-NC010

Polyamide 6  
Pier One Polymers, Inc.

Message:

MAXAMID™ EPDM036 is also available in black, internal and external lubricants, UV stabilized and other modifications. Further information and details are available upon request.

General Information			
Additive	Impact modifier		
	Lubricant		
	UV stabilizer		
Features	UV Stabilized		
	Impact modification		
	Lubrication		
Appearance	Black		
	Natural color		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.09	g/cm <sup>3</sup>	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	63.0	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	40	%	ASTM D638
Flexural Modulus (23°C)	2170	MPa	ASTM D790
Flexural Strength (23°C)	82.8	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact (23°C)	160	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	60.0	°C	ASTM D648
Peak Melting Temperature	220	°C	ASTM D3418
Injection	Nominal Value	Unit	
Suggested Max Moisture	0.20	%	
Mold Temperature	60 - 85	°C	

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