

MAXAMID™ EPDM6G33-NC010

Polyamide 6

Pier One Polymers, Inc.

Message:

MAXAMID™ EPDM6G33 is available in black and custom colors, internal and external lubricants, UV stabilized and other modifications. Further information and details are available upon request.

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 33% filler by weight		
Additive	Impact modifier Lubricant UV stabilizer		
Features	UV Stabilized Impact modification Lubrication		
Appearance	Black Available colors Natural color		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.35	g/cm ³	ASTM D792
Ash Content	30 - 36	%	ASTM D4218
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	138	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	5.0	%	ASTM D638
Flexural Modulus (23°C)	7590	MPa	ASTM D790
Flexural Strength (23°C)	221	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	210	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	Test Method
Suggested Max Moisture	0.20	%	
Processing (Melt) Temp	232 - 288	°C	
Mold Temperature	65 - 120	°C	

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

