# MAXAMID<sup>™</sup> EPDMRC6G33-HSL-BK09

### Polyamide 6

Pier One Polymers, Inc.

#### Message:

MAXAMID<sup>TM</sup> EPDMRC6G33 is available in black only with internal and external lubricants, UV stabilized and other modifications available. Manufactured with recycled content. Further information and details are available upon request.

Additive   Impact modifier     Lubricant   UV stabilizer     Recycled Content   Yes     Features   UV Stabilized     Impact modification   Impact modification     Lubricanto   Particle     Processing Method   Injection molding     Physical   Nominal Value   Unit     Physical   Soft Markon     Appearance   Black   StM D4218     Physical   Nominal Value   Unit   Test Method     Specific Gravity   1.35   g/cm³   ASTM D4218     Mechanical   Nominal Value   Unit   Test Method     Tensile Etongstion (Break, 23°C)   5.0   %   ASTM D4218     Fensile Strength (23°C)   131   MPa   ASTM D638     Fensile Strength (23°C)   600   MPa   ASTM D638     Fensile Strength (23°C)   160   //m   ASTM D4216     Nortinal Value   Unit   Test Method   10     Nortinal Value   Unit   Test Method   10     Nortinal Value   Unit   Test Method   10     Nortinal Value   Unit <th>General Information</th> <th></th> <th></th> <th></th>	General Information			
kupicant Vabilizer Reycled Content Partures Appearance partures Parture	Filler / Reinforcement	Glass fiber reinforced material, 33% filler by weight		
Recycled ContentYesTeaturesUV Stabilized Impact modification LubricationImpact modification LubricationAppearanceBlackProcessing MethodParticlePhysicalNominal ValueUnitPhysical0.36g/cm²Specific Gravity30 - 36g/cm²Astim DayaSinti DayaKenchentic0.136ManalFenselis Etength (23°C)5.0ManalFisiel Etength (23°C)5.0ManalFisiel Etength (23°C)600MPaStartin DayaSinti DayaFisiel Etength (23°C)6.0ManalManal ValueUnitTest MethodFisiel Etength (23°C)6.0MPaManal ValueUnitTest MethodFisiel Etength (23°C)6.0MPaManal ValueUnitTest MethodFisiel Etength (23°C)6.0MPaManal ValueUnitTest MethodManal ValueUnitMethodPhysionamedity6.0/maManal ValueUnitTest MethodPhysionamedity6.0/maManal ValueUnitTest MethodPhysionamedity6.0/maPhysionamedity6.0/maManal ValueUnitTest MethodPhysionamedity6.0/maPhysionamedity6.0/maPhysionamedity6.0/maPhysionamedity6.0/maPhysionamedity6.0	Additive	Impact modifier		
Recycled Content   Yes     Features   UV Stabilized     Impact modification   Lubrication     Lubrication   Lubrication     Processing Method   Particle     Processing Method   Injection molding     Physical   Nominal Value   Init     Physical   Nominal Value   Mathod     Specific Gravity   135   godn <sup>3</sup> ASTM D792     Schantat   Nominal Value   Unit   Test Method     Specific Gravity   131   Mathod   ASTM D792     Staff Data   Specific Gravity   Solution   Solution     Staff Data   Mominal Value   Unit   Test Method     Staff Data   Specific Gravity   Solution   Solution     Staff Data   Solution   Solution   Solution     Staff Data   Solution   Solution   Solution     Staff Data   Solution <td></td> <td>Lubricant</td> <td></td> <td></td>		Lubricant		
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Particle       Particle       Processing Method     Injection molding       Physical     Nominal Value     Unit     Test Method       Specific Gravity     1.35     g/cm³     ASTM D792       Ash Content     30 - 36     %     ASTM D792       Ash Content     Nominal Value     Unit     Test Method       Mechanical     Nominal Value     Unit     Test Method       Fensile Estrength (23°C)     5.0     %     ASTM D638       Fensile Elongation (Break, 23°C)     6900     MPa     ASTM D638       Fensile Elongation (Break, 23°C)     207     MPa     ASTM D790       Resural Strength (23°C)     100     MPa     ASTM D790       Resural Strength (23°C)     207     MPa     ASTM D536       Moninal Value     Unit     Test Method     Moninal Value       Notichel Izod Impact (23°C)     100     J/ma     ASTM D256       Rhermal     Nominal Value     Unit     Test Method       Deflection Temperature Under Load (1.8     207     °C     ASTM D648       Peak Melting Tem		Lubrication		
Particle       Particle       Processing Method     Injection molding       Physical     Nominal Value     Unit     Test Method       Specific Gravity     1.35     g/cm³     ASTM D792       Ash Content     30 - 36     %     ASTM D792       Ash Content     Nominal Value     Unit     Test Method       Mechanical     Nominal Value     Unit     Test Method       Fensile Estrength (23°C)     5.0     %     ASTM D638       Fensile Elongation (Break, 23°C)     6900     MPa     ASTM D638       Fensile Elongation (Break, 23°C)     207     MPa     ASTM D790       Resural Strength (23°C)     100     MPa     ASTM D790       Resural Strength (23°C)     207     MPa     ASTM D536       Moninal Value     Unit     Test Method     Moninal Value       Notichel Izod Impact (23°C)     100     J/ma     ASTM D256       Rhermal     Nominal Value     Unit     Test Method       Deflection Temperature Under Load (1.8     207     °C     ASTM D648       Peak Melting Tem	Appearance	Black		
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Specific Gravity     1.35     g/cm³     ASTM D792       Ash Content     30 - 36     %     ASTM D4218       Mechanical     Nominal Value     Unit     Test Method       Iensile Strength (23°C)     131     MPa     ASTM D638       Flexural Modulus (23°C)     6900     MPa     ASTM D638       Flexural Modulus (23°C)     207     MPa     ASTM D790       Flexural Strength (23°C)     207     MPa     ASTM D790       mpact     Nominal Value     Unit     Test Method       Notched Izod Impact (23°C)     160     J/m     ASTM D256       Thermal     Nominal Value     Unit     Test Method       Deflection Temperature Under Load (1.8 WPa, Unannealed)     207     °C     ASTM D648       Peak Melting Temperature     215     °C     ASTM D648       Peak Melting Temperature     0.20     %     STM D3418       Suggested Max Moisture     0.20     %     STM D256	Processing Method	Injection molding		
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Nominal Value Unit   Suggested Max Moisture 0.20 %   Processing (Melt) Temp 232 - 288 °C	Deflection Temperature Under Load (1.8 MPa, Unannealed)	207	°C	ASTM D648
Suggested Max Moisture 0.20 %   Processing (Melt) Temp 232 - 288 °C	Peak Melting Temperature	215	°C	ASTM D3418
Processing (Melt) Temp 232 - 288 °C	Injection	Nominal Value	Unit	
	Suggested Max Moisture	0.20	%	
Mold Temperature 65 - 120 °C	Processing (Melt) Temp	232 - 288	°C	
	Mold Temperature	65 - 120	°C	

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