# MAZMID B 150 FV 35

### Polyamide 6

Mazzaferro Indústria e Comércio de Polímeros e Fibras Ltda.

#### Message:

MAZMID B 150 FV 35 is a Polyamide 6 (Nylon 6) product filled with 35% glass fiber. It can be processed by injection molding and is available in Latin America. Applications of MAZMID B 150 FV 35 include electrical/electronic applications, engineering/industrial parts, automotive and housings. Characteristics include: Flame Rated Good Aesthetics Good Dimensional Stability Heat Resistant High Stiffness

Filer / Reinforcement   Gas Filer JS Hiler by Weight     Fatures   Gad JIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	General Information								
Good Surface Finish   Good Tuernal Stability     High Staffiness   High Staffiness     High Staffiness   High Staffiness     Low Viscosity   High Staffiness     Variance Staffiness   High Staffiness     Low Viscosity   High Staffiness     Low Viscosity   High Staffiness     High Staffiness   High Staffiness     Rescale Staffiness   High Staffiness     Processing Method   For     Processing Method   For     Porter   Forder Staffiness     Professing Method   For     Midding Staffiness   For <td colspan="2">Filler / Reinforcement</td> <td colspan="5">Glass Fiber,35% Filler by Weight</td>	Filler / Reinforcement		Glass Fiber,35% Filler by Weight						
Good Thermal Stability High Stiffness Low Viscosity   High Stiffness Low Viscosity     Uses   Attomote	Features		Good Dimensional Stability						
łigh Siffwest Low ViscosityUsesAtomot - Carlone Electical - Carlone Electical - Carlone Restrict - Carlone RobustAtomot - Carlone Electical - Carlone RobustProcessing MethodDryRod NineTest MethodProcessing MethodDryRod NineRot MethodSpecific Gravity140-Qrcm <sup>2</sup> ASTM D72Moling Shrinkage-FlowJoso-Qrcm <sup>2</sup> ASTM D72Method-Qrcm <sup>2</sup> ASTM D72Moling Shrinkage-FlowJoso-Qrcm <sup>2</sup> ASTM D72Method-Qrcm <sup>2</sup> ASTM D72Method-PaceMatomASTM D72Method-12Stm D75MethodDryConditionedNitTest MethodRockwell HardnessIso12ASTM D73Rockwell HardnessPaceGoodMPaASTM D63Rockwell Hardness10MatomASTM D63Rockwell HardnessIsoGoodMPaASTM D63Rockwell Hardness10MatomASTM D63Rockwell HardnessIsoASTM D63ASTM D63Rockwell HardnessIsoIsoASTM D63Rockwell HardnessIsoIsoASTM D6			Good Surface Finish						
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Uses   Automotive Applications     Electrical Parts     Electrical Parts     Electrical Parts     Electrical Parts     Housings     Housings     Housings     Housings     Note     Processing Method     Dy     Indernote     Professing Method     100     Specific Gravity     1400     120     Professing Method     121     Professing Method     122     P			High Stiffness						
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Tensile Strength     170     110     MPa     ASTM D638       Tensile Elongation (Break)     2.8     4.0     %     ASTM D638       Flexural Modulus     9700     5200     MPa     ASTM D790	Mechanical	Dry	Conditioned	Unit	Test Method				
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Flexural Modulus 9700 5200 MPa ASTM D790	Tensile Strength	170	110	MPa	ASTM D638				
	Tensile Elongation (Break)	2.8	4.0	%	ASTM D638				
	Flexural Modulus	9700	5200	MPa	ASTM D790				
Flexural Strength260160MPaASTM D790	Flexural Strength	260	160	MPa	ASTM D790				

Impact	Dry	Conditioned	Unit	Test Method
Notched Izod Impact	130	200	J/m	ASTM D256
Thermal	Dry	Conditioned	Unit	Test Method
Deflection Temperature Under Load				ASTM D648
0.45 MPa, Unannealed	220		°C	
1.8 MPa, Unannealed	210		°C	
Continuous Use				
Temperature	110 to 120		°C	
Melting Temperature	214 to 220		°C	
CLTE - Flow	2.0E-5		cm/cm/°C	ASTM D696
Electrical	Dry	Conditioned	Unit	Test Method
Volume Resistivity	1.0E+15		ohms·cm	ASTM D257
Dielectric Strength	22		kV/mm	ASTM D149
Flammability	Dry	Conditioned	Unit	Test Method
Flame Rating (1.60 mm)	НВ			UL 94

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