

# MAZMID B 150 FV20 EV10

Polyamide 6

Mazzaferro Indústria e Comércio de Polímeros e Fibras Ltda.

## Message:

MAZMID B 150 FV20 EV10 is a Polyamide 6 (Nylon 6) product filled with 10% glass bead and 20% glass fiber. It is available in Latin America.

Characteristics include:

Good Aesthetics

Good Dimensional Stability

Good Processability

Rigid

| General Information            |                                  |                   |             |
|--------------------------------|----------------------------------|-------------------|-------------|
| Filler / Reinforcement         | Glass Bead,10% Filler by Weight  |                   |             |
|                                | Glass Fiber,20% Filler by Weight |                   |             |
| Features                       | Good Dimensional Stability       |                   |             |
|                                | Good Moldability                 |                   |             |
|                                | Good Surface Finish              |                   |             |
|                                | High Rigidity                    |                   |             |
| Physical                       | Nominal Value                    | Unit              | Test Method |
| Specific Gravity               | 1.35                             | g/cm <sup>3</sup> | ASTM D792   |
| Molding Shrinkage - Flow       | 0.40 to 0.50                     | %                 | ASTM D955   |
| Water Absorption (23°C, 24 hr) | 0.70 to 0.80                     | %                 | ASTM D570   |
| Mechanical                     | Nominal Value                    | Unit              | Test Method |
| Tensile Strength               | 100                              | MPa               | ASTM D638   |
| Tensile Elongation (Break)     | 3.0 to 5.0                       | %                 | ASTM D638   |
| Impact                         | Nominal Value                    | Unit              | Test Method |
| Notched Izod Impact            | 60 to 70                         | J/m               | ASTM D256   |
| Thermal                        | Nominal Value                    | Unit              |             |
| Continuous Use Temperature     | 90.0 to 110                      | °C                |             |
| Melting Temperature            | 214 to 220                       | °C                |             |

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## Recommended distributors for this material

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