

# EnviroPro 2510MGF

Polypropylene Copolymer

West Michigan Compounding

## Message:

EnviroPro 2510MGF is a polypropylene copolymer (PP Copoly) product, which contains glass/mineral filler. It can be processed by injection molding and is available in North America.

Features include:

High stiffness

Copolymer

| General Information                       |                             |                   |             |
|---|-----------------------------|-------------------|-------------|
| Filler / Reinforcement                    | Glass \Mineral              |                   |             |
| Features                                  | Rigidity, high<br>Copolymer |                   |             |
| Appearance                                | Black                       |                   |             |
| Forms                                     | Particle                    |                   |             |
| Processing Method                         | Injection molding           |                   |             |
| Physical                                  | Nominal Value               | Unit              | Test Method |
| Specific Gravity                          | 1.14 - 1.19                 | g/cm <sup>3</sup> | ASTM D792   |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg) | 4.0 - 8.0                   | g/10 min          | ISO 1133    |
| Molding Shrinkage - Flow                  | 0.40                        | %                 | ASTM D955   |
| Ash Content                               | 32 - 38                     | %                 | ASTM D5630  |
| Mechanical                                | Nominal Value               | Unit              | Test Method |
| Tensile Stress                            | 43.2                        | MPa               | ISO 527-2   |
| Tensile Strain (Break)                    | > 4.0                       | %                 | ISO 527-2   |
| Flexural Modulus                          | 2700                        | MPa               | ISO 178     |
| Flexural Stress                           | 65.7                        | MPa               | ISO 178     |
| Impact                                    | Nominal Value               | Unit              | Test Method |
| Notched Izod Impact                       | 10                          | kJ/m <sup>2</sup> | ISO 180/1A  |

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