

# Thermylene® P6-30FM-0378

Polypropylene

Asahi Kasei Plastics North America Inc.

Message:

PP-GF+MD

30% Glass Fiber / Mineral Co-Reinforcement

| General Information                               |                                    |                   |             |
|---------------------------------------------------|------------------------------------|-------------------|-------------|
| Filler / Reinforcement                            | Glass\Mineral,30% Filler by Weight |                   |             |
| Physical                                          | Nominal Value                      | Unit              | Test Method |
| Density                                           | 1.13                               | g/cm <sup>3</sup> | ISO 1183/A  |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)         | 8.0                                | g/10 min          | ISO 1133    |
| Mechanical                                        | Nominal Value                      | Unit              | Test Method |
| Tensile Stress                                    | 70.0                               | MPa               | ISO 527-2   |
| Flexural Modulus                                  | 4700                               | MPa               | ISO 178     |
| Flexural Stress                                   | 106                                | MPa               | ISO 178     |
| Impact                                            | Nominal Value                      | Unit              | Test Method |
| Charpy Notched Impact Strength                    | 6.8                                | kJ/m <sup>2</sup> | ISO 179     |
| Notched Izod Impact Strength                      | 6.9                                | kJ/m <sup>2</sup> | ISO 180/A   |
| Thermal                                           | Nominal Value                      | Unit              | Test Method |
| Heat Deflection Temperature (1.8 MPa, Unannealed) | 142                                | °C                | ISO 75-2/A  |

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## Recommended distributors for this material

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