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Technical Data Sheet

# *Moplen* HF400G

Polypropylene, Homopolymer

## Product Description

*Moplen* HF400G is a non pelletized homopolymer powder. The product is non stabilized. When pelletized and additivated *Moplen* HF400G is suitable for injection moulding and extrusion applications.
The main applications of *Moplen* HF400G are mineral filled compounds, colour and additives masterbatches.
The properties reported below are measured on the pelletized and additivated resin.

This grade is not intended for medical and pharmaceutical applications.

| | |
|---|---|
| **Market** | Compounding |
| **Processing Method** | Compounding |

| Typical Properties | Nominal Value | Units | Test Method |
|---|---|---|---|
| **Physical** | | | |
| Melt Flow Rate, (230 °C/2.16 kg) | 1.2 | g/10 min | ISO 1133-1 |
| Density | 0.90 | g/cm³ | ISO 1183-1 |
| **Mechanical** | | | |
| Tensile Modulus, (23 °C) | 1450 | MPa | ISO 527-1, -2 |
| **Impact** | | | |
| Charpy Impact Strength - Notched, (23 °C) | 3.5 | kJ/m² | ISO 179 |
| **Thermal** | | | |
| Vicat Softening Temperature, (A50) | 153 | °C | ISO 306 |