

# POLYfill PPH DGF101015 PB

Polypropylene Homopolymer

Polykemi AB

Message:

Glass fibre/Mineral Chemically coupled

| General Information                       |                                    |                   |                |
|-------------------------------------------|------------------------------------|-------------------|----------------|
| Filler / Reinforcement                    | Glass\Mineral,25% Filler by Weight |                   |                |
| Features                                  | Chemically Coupled                 |                   |                |
| Physical                                  | Nominal Value                      | Unit              | Test Method    |
| Density                                   | 1.08                               | g/cm <sup>3</sup> | ISO 1183       |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg) | 1.0                                | g/10 min          | ISO 1133       |
| Mechanical                                | Nominal Value                      | Unit              | Test Method    |
| Tensile Stress                            | 55.0                               | MPa               | ISO 527-2      |
| Flexural Modulus (23°C)                   | 4000                               | MPa               | ISO 178        |
| Flexural Stress                           | 95.0                               | MPa               | ISO 178        |
| Impact                                    | Nominal Value                      | Unit              | Test Method    |
| Charpy Notched Impact Strength            |                                    |                   | ISO 179        |
| -20°C                                     | 5.0                                | kJ/m <sup>2</sup> |                |
| 23°C                                      | 8.0                                | kJ/m <sup>2</sup> |                |
| Thermal                                   | Nominal Value                      | Unit              | Test Method    |
| Vicat Softening Temperature               |                                    |                   |                |
| --                                        | 160                                | °C                | ISO 306/A50    |
| --                                        | 125                                | °C                | ISO 306/B50    |
| Flammability                              | Nominal Value                      | Unit              | Test Method    |
| Flame Rating (1.60 mm)                    | HB                                 |                   | UL 94          |
| Glow Wire Ignition Temperature (2.00 mm)  | 750                                | °C                | IEC 60695-2-13 |

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