

POLYfill PPC 05ENH

PP

Polykemi AB

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|-------------------------------------|-------------|---------|---------------|
| ISO Data | | | |
| Melt flow index, MFI | 0.5 | g/10min | ISO 1133 |
| Temperature | 230 | °C | - |
| Load | 2.16 | kg | - |

| Mechanical properties | Value | Unit | Test Standard |
|---------------------------------------|---------------|-------------------|---------------|
| ISO Data | | | |
| Tensile Strength | 23 | MPa | ISO 527 |
| Yield strain | 9 | % | ISO 527 |
| Strain at break | >50 | % | ISO 527 |
| Flexural modulus, 23°C | 2100 | MPa | ISO 178 |
| Charpy notched impact strength, +23°C | 13 | kJ/m ² | ISO 179/1eA |

| Thermal properties | Value | Unit | Test Standard |
|--|------------|-------|-----------------|
| ISO Data | | | |
| Temp. of deflection under load, 1.80 MPa | 72 | °C | ISO 75-1/-2 |
| Temp. of deflection under load, 0.45 MPa | 109 | °C | ISO 75-1/-2 |
| Vicat softening temperature, A | 151 | °C | ISO 306 |
| Vicat softening temperature, B | 82 | °C | ISO 306 |
| Burning behav. at 1.5 mm nom. thickn. | V-0 | class | IEC 60695-11-10 |
| Thickness tested | 1.6 | mm | - |
| Glow Wire Ignition Temperature (GWIT) | 850 | °C | IEC 60695-2-13 |
| GWIT - thickness tested (1) | 1.6 | mm | - |

| Other properties | Value | Unit | Test Standard |
|------------------|-------------|-------------------|---------------|
| Density | 1060 | kg/m ³ | ISO 1183 |

Characteristics**Processing**

Injection Molding

Delivery form

Granules

Special Characteristics

Flame retardant, Halogen-free

Regional Availability

Europe, Asia Pacific