

POLYfill PPHC K9020

PP-MX20

Polykemi AB

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|--|--------------|-------------------|----------------------|
| ISO Data | | | |
| Melt flow index, MFI | 9 | g/10min | ISO 1133 |
| Temperature | 230 | °C | - |
| Load | 2.16 | kg | - |
| Molding shrinkage, parallel | 1.3 | % | ISO 294-4, 2577 |
| Molding shrinkage, normal | 1.3 | % | ISO 294-4, 2577 |
| Mechanical properties | | | |
| ISO Data | | | |
| Tensile Strength | 25 | MPa | ISO 527 |
| Yield strain | 8 | % | ISO 527 |
| Flexural modulus, 23°C | 1600 | MPa | ISO 178 |
| Flexural modulus | 2300 | MPa | ISO 178 |
| Flexural modulus temperature | -20 | °C | - |
| Charpy notched impact strength, +23°C | 5 | kJ/m ² | ISO 179/1eA |
| Thermal properties | | | |
| ISO Data | | | |
| Temp. of deflection under load, 1.80 MPa | 67 | °C | ISO 75-1/-2 |
| Temp. of deflection under load, 0.45 MPa | 110 | °C | ISO 75-1/-2 |
| Vicat softening temperature, A | 141 | °C | ISO 306 |
| Vicat softening temperature, B | 76 | °C | ISO 306 |
| Burning behav. at 1.5 mm nom. thickn. | HB | class | IEC 60695-11-10 |
| Thickness tested | 1.6 | mm | - |
| Glow Wire Ignition Temperature (GWIT) | 750 | °C | IEC 60695-2-13 |
| GWIT - thickness tested (1) | 2 | mm | - |
| Other properties | | | |
| Density | 1040 | kg/m ³ | ISO 1183 |

Characteristics**Processing**

Injection Molding

Regional Availability

Europe, Asia Pacific