

Delpet™ 80HD

PMMA

Asahi Kasei

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|--|--------------|-------------------|----------------------|
| ISO Data | | | |
| Melt flow index, MFI | 1.8 | g/10min | ISO 1133 |
| Temperature | 230 | °C | - |
| Load | 3.8 | kg | - |
| Mechanical properties | | | |
| ISO Data | | | |
| Tensile Modulus | 3300 | MPa | ISO 527 |
| Stress at break | 77 | MPa | ISO 527 |
| Strain at break | 6 | % | ISO 527 |
| Flexural modulus, 23°C | 3300 | MPa | ISO 178 |
| Flexural strength | 130 | MPa | ISO 178 |
| Charpy impact strength, +23°C | 22 | kJ/m ² | ISO 179/1eU |
| Charpy notched impact strength, +23°C | 1.4 | kJ/m ² | ISO 179/1eA |
| Rockwell hardness | M 98 | - | ISO 2039-2 |
| Thermal properties | | | |
| ISO Data | | | |
| Temp. of deflection under load, 1.80 MPa | 98 | °C | ISO 75-1/-2 |
| Vicat softening temperature, B | 108 | °C | ISO 306 |
| Optical properties | | | |
| ISO Data | | | |
| Luminous transmittance | 92 | % | ISO 13468-1, -2 |
| Other properties | | | |
| Water absorption | 0.3 | % | Sim. to ISO 62 |
| Density | 1190 | kg/m ³ | ISO 1183 |

Characteristics**Delivery form**

Pellets

Regional Availability

North America

Special Characteristics

Transparent