

Evolve® H SP6505 1B

PE

Prime Polymer Co., Ltd.

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|--------------------------------------------|--------------|-------------------|----------------------|
| ISO Data | | | |
| Melt flow index, MFI | 0.45 | g/10min | ISO 1133 |
| Mechanical properties | | | |
| ISO Data | | | |
| Tensile Modulus | 500 | MPa | ISO 527 |
| Yield stress | 27 | MPa | ISO 527 |
| Strain at break | 17 | % | ISO 527 |
| Flexural modulus, 23°C | 1300 | MPa | ISO 178 |
| Charpy impact strength, +23°C | N | kJ/m ² | ISO 179/1eU |
| Shore D hardness | 64 | - | ISO 7619-1 |
| ASTM Data | | | |
| Shore D Hardness | 64 | - | ASTM D 2240 |
| Thermal properties | | | |
| ISO Data | | | |
| Melting temperature, 10°C/min | 133 | °C | ISO 11357-1/-3 |
| ASTM Data | | | |
| Melting Temperature | 133 | °C | ASTM D 3418 |
| Vicat Temperature | 126 | °C | ASTM D 1525 |
| Other properties | | | |
| Density | 957 | kg/m ³ | ISO 1183 |

Characteristics**Processing**

Blow Molding

Regional Availability

North America, Asia Pacific

Chemical Resistance

Environmental Stress Crack Resistance