

H03G-02

PP

INEOS Olefins & Polymers

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|-------------------------------------|---------|-------------------|---------------|
| ASTM Data | | | |
| Melt Flow Index, MFI | 3.5 | g/10min | ASTM D 1238 |
| Temperature | 230 | °C | - |
| Load | 2.16 | kg | - |
| Mechanical properties | | | |
| ASTM Data | | | |
| Tensile Strength at Yield | 36.1 | MPa | ASTM D 638 |
| Tensile Strength at Break | 18.7 | MPa | ASTM D 638 |
| Elongation at Yield | 9.6 | % | ASTM D 638 |
| Elongation at Break | 153 | % | ASTM D 638 |
| Rockwell Hardness | R 102,7 | - | ASTM D 785 |
| Thermal properties | | | |
| ASTM Data | | | |
| DTUL @ 66 psi | 102 | °C | ASTM D 648 |
| Optical properties | | | |
| ASTM Data | | | |
| Gloss | 93.7 | - | ASTM D 2457 |
| Haze | 79.7 | % | ASTM D 1003 |
| Other properties | | | |
| Density | 905 | kg/m ³ | ASTM D 792 |

Characteristics**Processing**

Fiber Extrusion, Film Extrusion

Certifications

Food contact

Features

Homopolymer

Regional Availability

North America