

H13M-00

PP

INEOS Olefins & Polymers

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|-------------------------------------|--------------|-------------------|---------------|
| ASTM Data | | | |
| Melt Flow Index, MFI | 13.5 | g/10min | ASTM D 1238 |
| Temperature | 230 | °C | - |
| Load | 2.16 | kg | - |
| Mechanical properties | | | |
| ASTM Data | | | |
| Tensile Strength at Yield | 37 | MPa | ASTM D 638 |
| Tensile Strength at Break | 17 | MPa | ASTM D 638 |
| Elongation at Yield | 9.1 | % | ASTM D 638 |
| Elongation at Break | 135 | % | ASTM D 638 |
| Rockwell Hardness | R 105 | - | ASTM D 785 |
| Thermal properties | | | |
| ASTM Data | | | |
| UL 94 Flame rating | HB | - | UL 94 |
| DTUL @ 66 psi | 105 | °C | ASTM D 648 |
| Optical properties | | | |
| ASTM Data | | | |
| Gloss | 92 | - | ASTM D 2457 |
| Haze | 76 | % | ASTM D 1003 |
| Other properties | | | |
| Density | 911 | kg/m ³ | ASTM D 792 |

Characteristics**Processing**

Injection Molding

Special Characteristics

Heat stabilized or stable to heat

Features

Homopolymer

Certifications

Food contact, Food approval FDA 21 CFR

Applications

Automotive, General Purpose, Medical, Packaging

Regional Availability

North America