

**H20Z-00**

PP

INEOS Olefins &amp; Polymers

| Processing/Physical Characteristics | Value | Unit              | Test Standard |
|-------------------------------------|-------|-------------------|---------------|
| <b>ASTM Data</b>                    |       |                   |               |
| Melt Flow Index, MFI                | 20    | g/10min           | ASTM D 1238   |
| Temperature                         | 230   | °C                | -             |
| Load                                | 2.16  | kg                | -             |
| <b>Mechanical properties</b>        |       |                   |               |
| <b>ASTM Data</b>                    |       |                   |               |
| Tensile Strength at Yield           | 37.5  | MPa               | ASTM D 638    |
| Tensile Strength at Break           | 18.7  | MPa               | ASTM D 638    |
| Elongation at Yield                 | 8     | %                 | ASTM D 638    |
| Elongation at Break                 | 49    | %                 | ASTM D 638    |
| Rockwell Hardness                   | R 105 | -                 | ASTM D 785    |
| <b>Thermal properties</b>           |       |                   |               |
| <b>ASTM Data</b>                    |       |                   |               |
| UL 94 Flame rating                  | HB    | -                 | UL 94         |
| DTUL @ 66 psi                       | 114   | °C                | ASTM D 648    |
| <b>Optical properties</b>           |       |                   |               |
| <b>ASTM Data</b>                    |       |                   |               |
| Gloss                               | 91    | -                 | ASTM D 2457   |
| Haze                                | 68    | %                 | ASTM D 1003   |
| <b>Other properties</b>             |       |                   |               |
| Density                             | 909   | kg/m <sup>3</sup> | ASTM D 792    |

**Characteristics****Processing**

Injection Molding

**Certifications**

Food contact, Food approval FDA 21 CFR

**Special Characteristics**

Anti-static

**Applications**

Packaging

**Features**

Nucleated, Homopolymer

**Regional Availability**

North America