

Product Texts

BOPP applications.

Processing/Physical Characteristics

| | Value | Unit | Test Standard |
|----------------------|-------|---------|---------------|
| ASTM Data | | | |
| Melt Flow Index, MFI | 3 | g/10min | ASTM D 1238 |
| Temperature | 230 | °C | - |
| Load | 2.16 | kg | - |

Mechanical properties

| | Value | Unit | Test Standard |
|---------------------------|-------|------|---------------|
| ASTM Data | | | |
| Tensile Strength at Yield | 33.6 | MPa | ASTM D 638 |
| Tensile Strength at Break | 19.5 | MPa | ASTM D 638 |
| Elongation at Yield | 11.9 | % | ASTM D 638 |
| Elongation at Break | 145 | % | ASTM D 638 |
| Rockwell Hardness | R 97 | - | ASTM D 785 |

Thermal properties

| | Value | Unit | Test Standard |
|------------------|-------|------|---------------|
| ASTM Data | | | |
| DTUL @ 66 psi | 93 | °C | ASTM D 648 |

Optical properties

| | Value | Unit | Test Standard |
|------------------|-------|------|---------------|
| ASTM Data | | | |
| Gloss | 93.7 | - | ASTM D 2457 |
| Haze | 71.7 | % | ASTM D 1003 |

Other properties

| | Value | Unit | Test Standard |
|---------|-------|-------------------|---------------|
| Density | 905 | kg/m ³ | ASTM D 792 |

Characteristics**Features**

Homopolymer

Applications

Packaging

Certifications

Food contact, Food approval FDA 21 CFR

Regional Availability

North America