

Extruded polypropylene homopolymer

General Information

General purpose homopolymer polypropylene. Available from 2 to 15 mil.

Physical Properties

| | | | |
|--|--------------|-------------------|--------------|
| Color | Opaque white | | |
| Apparent Density | 0.90 | g/cm ³ | ASTM - D1505 |
| Gloss (60°) | 59 | GU | ASTM - D2457 |
| Transmittance | 75 | % | ASTM - D1003 |
| Durometer Hardness - Type D (Shore D) | 6.5 | - | ASTM - D2240 |

Mechanical Properties

| | | | |
|--|-----------|-----|-------------|
| Tensile Strength at Break (MD/TD) | 4170/4495 | psi | ASTM - D882 |
| Tensile Elongation at Break (MD/TD) | 14/13 | % | ASTM - D882 |

Thermal Properties

| | | | |
|---|-----|----------|--------------|
| Melt Mass-Flow Rate (MFR) (190°C/2.16kg) | 12 | g/10 min | ASTM - D1238 |
| Melting Temperature | 165 | °C | ISO - 3146 |
| Peak Crystallization Temperature | 115 | °C | ASTM - D3418 |

Technical Information Notes

Data provided sourced from 7.5 mil thickness material.

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Approval Date- 5/12/2020

Revision- A

Listed Values:

The above values are typical property values not to be construed as specification limits.

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