

Trithene® JX 7300

Low Density Polyethylene

Petroquímica Triunfo

Message:

Trithene® JX 7300 is a low density polyethylene material. This product is available in Latin America and is processed by injection molding.

Trithene® The main features of JX 7300 are:

accessible food

Rapid Prototyping Cycle

Good flexibility

Typical application areas include:

engineering/industrial accessories

Consumer goods

food contact applications

| General Information | | | |
|--|---------------------------------|-------------------|-------------|
| Features | Fast molding cycle | | |
| | Good flexibility | | |
| | Compliance of Food Exposure | | |
| Uses | Thin wall parts | | |
| | Toys | | |
| Agency Ratings | ANVISA n°105/99 | | |
| | ASTM D 1248, I, Class A, Cat. 1 | | |
| | FDA 21 CFR 177.1520(c) 2.1 | | |
| Forms | Particle | | |
| Processing Method | Injection molding | | |
| Physical | Nominal Value | Unit | Test Method |
| Density | 0.917 | g/cm ³ | ASTM D1505 |
| Melt Mass-Flow Rate (MFR) (190°C/2.16 kg) | 30 | g/10 min | ASTM D1238 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength | | | ASTM D638 |
| Yield, molding | 9.00 | MPa | ASTM D638 |
| Fracture, molding | 7.00 | MPa | ASTM D638 |
| Tensile Elongation (Break, Compression Molded) | 120 | % | ASTM D638 |
| Thermal | Nominal Value | Unit | Test Method |
| Vicat Softening Temperature | 78.0 | °C | ASTM D1525 |
| Melting Temperature | 108 | °C | |
| Additional Information | | | |
| Melt Mass-Flow Rate, ASTM D1238, 190°C/2.16 kg: 25 to 35 g/10 minDensity, ASTM D1505: 0.915 to 0.919 g/cm ³ | | | |

| Injection | Nominal Value | Unit |
|--------------------|---------------|------|
| Rear Temperature | 150 - 170 | °C |
| Middle Temperature | 170 - 210 | °C |
| Mold Temperature | 25.0 - 45.0 | °C |

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Recommended distributors for this material

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