HYLEX® P1025L1
Entec Polymers - Polycarbonate

General Information

Product Description
POLYCARBONATE, HIGH FLOW, CLEAR EDGE TINT

General

Material Status
• Commercial: Active

Availability
• North America

Features
• High Flow

Appearance
• Clear/Transparent

ASTM & ISO Properties

Physical

Nominal Value | Unit | Test Method
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Density / Specific Gravity | 1.20 | ASTM D792
Melt Mass-Flow Rate (300°C/1.2 kg) | 25 g/10 min | ASTM D1238
Molding Shrinkage - Flow | 5.0E-3 to 7.0E-3 in/in | ASTM D955
Water Absorption (24 hr) | 0.15 % | ASTM D570

Mechanical

Nominal Value | Unit | Test Method
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Tensile Strength (Yield, 73°F) | 9250 psi | ASTM D638
Tensile Elongation (Break, 73°F) | 130 % | ASTM D638
Flexural Modulus (73°F) | 32700 psi | ASTM D790
Flexural Strength (73°F) | 13400 psi | ASTM D790

Impact

Notched Izod Impact (73°F, 0.125 in) | 15 ft·lb/in | ASTM D256

Thermal

Deflection Temperature Under Load | 264 psi, Unannealed | ASTM D648

Flammability

Nominal Value | Unit | Test Method
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Flame Rating | | UL 94
| 0.06 in | V-2
| 0.12 in | V-2

Notes
1 Typical properties: these are not to be construed as specifications.