

Icelene LLD5025 Linear Low Density Polyethylene Resin

Applications:
Injection Molding

Additive packages
Slip (None), Antiblock (None)

PRODUCT DESCRIPTION

ICELENE LLD5025 is certified prime resin for injection application that requires easy processibility.

| Properties* | Test Method | Metric Units | | English | |
|--|-------------|---------------|-------------------|---------------|-------------------|
| | | Typical Value | Unit | Typical Value | Unit |
| Melt Flow Index ² | ASTM D1238 | 50.0 | g/10 min. | 50.0 | g/10 min |
| Density (23°C) | ASTM D792 | 0.927 | g/cm ³ | 0.927 | g/cm ³ |
| Tensile Strength at yield | ASTM D638 | 12 | Mpa | 1700 | psi |
| Tensile Strength at Break | ASTM D638 | 9 | Mpa | 1300 | psi |
| Flexural Modulus- 2% Secant | ASTM D790 | 390 | Mpa | 56000 | psi |
| Tensile Elongation at Break | ASTM D638 | 130 | % | 130 | % |
| Vicat Temperature | ASTM D1525 | 94 | °C | 201 | °F |
| Melting Temperature (DSC) | ASTM D1525 | 124 | °C | 255 | °F |
| Peak Crystallization Temperature (DSC) | ASTM D1525 | 109 | °C | 228 | °F |

* Typical Value of Properties which can vary with in specification limits and are not to be construed as specifications.

² Condition 190°C/2.16 kg.

This product is not intended for use in medical applications and should not be used in any such application

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