Technical Data Sheet

Icorene 3590 GTE 9905

Linear Low Density Polyethylene

Product Description

Icorene 3590 is a linear low density polyethylene specifically developed for rotational moulding. This grade is a very fast processing material suitable for use in many different applications. It has a good balance of properties such as toughness, easy flow and stiffness.

| Processing Method | Rotomolding |
|-------------------|--|
| Attribute | Good Flow; Good Moldability; Good Processability; Good Stiffness; Good Toughness; UV Resistant |
| Forms | Powder |
| Appearance | Natural Color; Unspecified Color |
| Additive | UV Stabilizer |
| Application | General Purpose |

| Nominal | | |
|---------|---|--|
| Value | Units | Test Method |
| | | |
| 9.0 | g/10 min | ASTM D1238 |
| 0.935 | g/cm³ | ASTM D1505 |
| | | |
| 17.0 | MPa | ISO 527 |
| 16.0 | MPa | ISO 527 |
| >150 | hr | ASTM D1693 |
| 550 | MPa | ISO 178 |
| | | |
| 160 | J/cm | ASTM D4226 |
| | | |
| 53 | | ISO 868 |
| | | |
| 113 | °C | ISO 306 |
| 126 | °C | DSC |
| | Value 9.0 0.935 17.0 16.0 >150 550 160 53 113 | Value Units 9.0 g/10 min 0.935 g/cm³ 17.0 MPa 16.0 MPa >150 hr 550 MPa 160 J/cm 53 113 |



