

LLDPE RT7940

Linear Low Density Polyethylene



Applications

- Consumer Articles
- Playground Equipment
- Toys
- Water Sports Articles

| Property | Value | Unit | ASTM |
|--------------------------------------|-------|-------------------|--------|
| Melt index (condition 230°C/2.16 kg) | 7.0 | g/10 min | D 1238 |
| Density (g/cm ³) | 0.940 | g/cm ³ | D 792 |
| Peak Melting Temperature | 126 | °C | |
| Tensile Strength at Yield | 20 | MPa | D638 |
| Elongation at Yield | 10 | % | D638 |
| Flexural Modulus, 1% Secant | 750 | MPa | D790 |
| Heat Deflection Temp. @ 66 psi | 58 | °C | D648 |
| Heat Deflection Temp. @ 264 psi | 38 | °C | D648 |
| Impact Strength -40°C, 3.18 mm | 73 | J | |
| Impact Strength -40°C, 6.35 mm | 237 | J | |