# LLDPE RT2942

Linear Low Density Polyethylene

StarResin

**Overview**

Characteristics:

- High stiffness
- Excellent ESCR performance
- Exceptional low temperature impact properties
- UV stabilized with superior whiteness
- Broad processing window

**Applications**

- Large tanks
- Septic tanks
- Agricultural tanks
- Oversized tanks

| Property | Value | Unit | ASTM |
|---|---|---|---|
| Melt index (condition 190°C/2.16 kg) | 2.0 | g/10 min | D 1238 |
| Density (g/cm³) | 0.942 | g/cm³ | D 792 |
| Melting Point | 261 | °F | |
| Flexural Modulus, 1% Secant | 149400 | psi | D790 |
| Tensile Strength at Yield | 3300 | psi | D638 |
| Elongation at Yield | 11 | % | D638 |
| ESCR, F50 | >1000 | hours | D1693 |
| Heat Deflection Temp. @ 66 psi | 145 | °F | D648 |
| Heat Deflection Temp. @ 264 psi | 109 | °F | D648 |

Additives: UV Stabilizer



This information, to our knowledge, is believed to be correct. The use of this product in its actual conditions are beyond our control and satisfactory results for this product is the customer's sole responsibility. User must make their own decisions regarding its suitability for their equipment and final products.