

LLDPE RT2942

Linear Low Density Polyethylene



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 230°C/2.16 kg)	2.0	g/10 min	D 1238
Density (g/cm ³)	0.942	g/cm ³	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