

LLDPE RT4939

Linear Low Density Polyethylene



Overview

LLDPE RT4939 features high stiffness, excellent ESCR performance, exceptional low temperature impact properties, UV stabilized with superior whiteness, and broad processing window.

Applications

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

Property	Value	Unit	ASTM
Melt index (condition 230°C/2.16 kg)	4	g/10 min	D 1238
Density (g/cm ³)	0.939	g/cm ³	D 792
Meting Temperature	261	°F	D3418
Tensile Strength at Yield	3300	psi	D638
Elongation at Yield	11	%	D638
Flexural Modulus – 1% Secant	149,000	psi	D790
ESCR, F50	>1000	hr	D1693
Heat Deflection Temperature, 66psi	145	°F	D648
Heat Deflection Temperature, 264psi	109	°F	D648