

LLDPE RT6935

Linear Low Density Polyethylene



Overview

LLDPE RT4939 features second generation metallocene, superior mechanical properties, outstanding optical properties (gloss), improved dimensional stability, and easy processing.

Property	Value	Unit	ASTM
Melt index (condition 230°C/2.16 kg)	6	g/10 min	D 1238
Density (g/cm ³)	0.935	g/cm ³	D 792
Meting Temperature	252	°F	D3418
Tensile Strength at Break	1,700	psi	D638
Tensile Strength at Yield	2,600	psi	D638
Elongation at Break	340	%	D638
Elongation at Yield	8	%	D638
Tensile Modulus	93,000	psi	D638
Flexural Modulus – 1% Secant	100,000	psi	D790
Tensile Impact Strength	105	kJ/m ²	D1822
ESCR (10% Igepal / 100% Igepal)	300 / >1,000	hrs	D1693
Vicat Softening Temperature	239	°F	D1525