

# 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 <sup>3</sup> )	0.935	g/cm <sup>3</sup>	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 <sup>2</sup>	D1822
ESCR (10% Igepal / 100% Igepal)	300 / >1,000	hrs	D1693
Vicat Softening Temperature	239	°F	D1525