

# LLDPE RT7940

Linear Low Density Polyethylene



## Applications

- Consumer Articles
- Playground Equipment
- Toys
- Water Sports Articles

Property	Value	Unit	ASTM
Melt index (condition 230°C/2.16 kg)	7.0	g/10 min	D 1238
Density (g/cm <sup>3</sup> )	0.940	g/cm <sup>3</sup>	D 792
Peak Melting Temperature	126	°C	
Tensile Strength at Yield	20	MPa	D638
Elongation at Yield	10	%	D638
Flexural Modulus, 1% Secant	750	MPa	D790
Heat Deflection Temp. @ 66 psi	58	°C	D648
Heat Deflection Temp. @ 264 psi	38	°C	D648
Impact Strength -40°C, 3.18 mm	73	J	
Impact Strength -40°C, 6.35 mm	237	J	