

LLDPE RT5935

Linear Low Density Polyethylene



Overview

LLDPE RT5935 is a prime grade, UV stabilized, linear low density polyethylene hexene copolymer for rotational molding of large hollow objects, including toys, playground equipment and drums.

Applications

- Toys
- Playground Equipment
- Drums

Property	Value	Unit	ASTM
Melt index (condition 230°C/2.16 kg)	5.0	g/10 min	D 1238
Density (g/cm ³)	0.935	g/cm ³	D 792
Flexural Modulus, 1% Secant	100000	psi	D790
Tensile Strength at Yield	2700	psi	D638
Tensile Elongation at Yield	11.8	%	D638
Heat Deflection Temp.	50	°C	D648
*ESCR 100% Igepal, F50	>1000	hours	D1693
*ESCR 100% Igepal, F50	300	hours	D1693

* ESCR values were obtained using compression molded samples