LLDPE RT5935

Linear Low Density Polyethylene

StarResin

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 190°C/2.16 kg)	5.0	g/10 min	D 1238
Density (g/cm³)	0.935	g/cm³	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

This information, to our knowledge, is believed to be correct. The use of this product in its actual conditions are beyond our control and satisfactory results for this product is the customer's sole responsibility. User must make their own decisions regarding its suitability for their equipment and final products.