



## Technical Data Sheet

### *Icorene* 3150 GRY 7433

Linear Low Density Polyethylene

#### Product Description

*Icorene* 3150 is a linear low density polyethylene specifically developed for rotational moulding. This grade is a very fast processing material suitable for use in many different applications. It has a good balance of properties such as toughness, easy flow and stiffness.

<b>Processing Method</b>	Rotomolding
<b>Attribute</b>	Fast Molding Cycle; Good Flow; Good Moldability; Good Stiffness; Good Toughness; UV Resistant
<b>Forms</b>	Powder
<b>Appearance</b>	Natural Color; Unspecified Color
<b>Additive</b>	UV Stabilizer
<b>Application</b>	Toys

<b>Typical Properties</b>	<b>Nominal Value</b>	<b>Units</b>	<b>Test Method</b>
<b>Physical</b>			
Melt Flow Rate, (190 °C/2.16 kg)	13	g/10 min	ASTM D1238
Density	0.935	g/cm <sup>3</sup>	ASTM D1505
<b>Mechanical</b>			
Tensile Strength at Yield	16	MPa	ASTM D638
Flexural Modulus	550	MPa	ASTM D790
Tensile Elongation at Break	210	%	ASTM D638
<b>Impact</b>			
Drop Impact Resistance, (-20 °C, Internal Method)	200	J/cm	ASTM D4226
<b>Hardness</b>			
Durometer Hardness, (Shore D)	54		ASTM D2240