

Technical Data Sheet

Icorene 3150 NAT 0000



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.

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

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