

Technical Data Sheet

ICORENE 3575-6212 Light Green



Linear Low Density Polyethylene

Product Description

ICORENE 3575 is a hexene linear low density polyethylene with outstanding processability, specifically developed for rotational moulding. This grade is suitable for use in general purpose applications. It has a good balance of properties such as toughness, easy flow and stiffness. *ICORENE* 3575 is WRAS approved: 1612553

Processing Method	Rotomolding
Attribute	Good Processability; Good Stiffness; Good Toughness; High Flow; UV Resistant
Forms	Powder
Appearance	Natural Color; Unspecified Color
Additive	UV Stabilizer
Application	Containers; General Purpose

Typical Properties	Nominal			Test Method
	Value	Units		
Physical				
Melt Flow Rate, (190 °C/2.16 kg)	7.0	g/10 min		ASTM D1238
Density	0.935	g/cm ³		ASTM D1505
Mechanical				
Tensile Strength at Yield	17.0	MPa		ISO 527
Flexural Modulus	650	MPa		ISO 178
Tensile Elongation at Break	>450	%		ASTM D638
Impact				
Drop Impact Resistance, (-20 °C, Internal Method)	170	J/cm		ASTM D4226
Hardness				
Durometer Hardness, (Shore D)	55			ASTM D2240
Thermal				
Vicat Softening Temperature	115	°C		ISO 306
Melting Temperature	127	°C		DSC