

ICORENE 4-3545

grade 1877

Density 0.935 g/cm³**Melt index** 4.5 g/10 min**LLDPE****Product Description**

ICORENE 4-3545 is a linear low density polyethylene developed for rotational moulding. This ICORENE® grade is suitable for use in general purpose applications. It has a good balance of properties such as toughness, easy flow and stiffness.

Good processability, toughness, good stiffness

Key Characteristics

Good physical properties

Easy moulding

UV stabilised

Physical Properties

Property		Value	Units	Test Method
Density		0.935	g/cm ³	ASTM D1505
Melt index	(2.16kg/190°C)	4.5	g/10 min	ASTM D 1238
Hardness Shore D		58		ASTM D 2240
Flexural modulus	(1.3mm/min)	650	MPa	ASTM D 790
Tensile strength at yield	(50mm/min)	17.5	MPa	ASTM D 638
Instrumented impact -20°C*		21	J/mm	ICO R&D 1.14

Product Support

For further information on this or any other ICO Polymers product, contact your local ICO Polymers account manager or visit www.icopolymers.com

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