

LOMOTEK 1950 LLDPE



LOMOTEK POLYMERS

ROTOMOULDING POWDER

MELT FLOW: 5 with DENSITY: 0,939

Lomotek 1950: A high performance Butene Copolymer in powder form. It is fully UV stabilized for harsh environmental conditions.

Characteristics	Applications
High Rigidity	Small to Large Parts requiring good stiffness
Good Impact Strength	Drums and Medium sized Bins
Good Chemical Resistance	Fishing Industry Applications
Good ESCR	Water Reticulation Systems
Good UV Stabilisation	Outdoor Applications
FDA approved	Available in many colours

Properties	Value	Unit	Test method
MFI (190°C / 2.16 Kg)	5	g/10 min	ASTM D 1238
Density	0.939	g/cm ³	ASTM D 1505
Tensile Strength at Yield	16	Mpa	ASTM D 638
Tensile Strength at Break	21	Mpa	ASTM D 638
Elongation at Break	1187	%	ASTM D 638
Flexural Modulus	865	Mpa	ASTM D 790
ESCR (F 50)	>1000	Hrs	ASTM D 1693
Impact Energy at - 40°C	30	J/mm	ASTM D 3029
Vicate Softening Point	118	°C	ASTM D 1525
Heat Distortion Point	72	°C	ASTM D 648
Average Particle Size	400	Micron	ASTM D 1921
Bulk Density	340	Kg/m ³	ASTM D 1895

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