

DESCRIPTION

Alkatuff LL820 is a high flow hexene copolymer linear low density polyethylene designed for general purpose injection moulding.

APPLICATION

Alkatuff LL820 is intended for general purpose injection moulding such as housewares and lids.

FOOD CONTACT / PRODUCT SAFETY

For food contact information please refer to the Regulatory Data Sheet at genos.com. For product safety information please refer to the Safety Data Sheet at genos.com.

Polymer Properties	Value ¹	Units	Test Method
Melt Index @ 190°C, 2.16 kg	20	g/10 min	ASTM D1238
Density	0.925	g/cm ³	ASTM D1505

Moulding Properties	Value ¹	Units	Test Method
Tensile Strength at Yield ²	15	MPa	ASTM D638
Durometer Hardness	56	Shore D	ASTM D2240
Flexural Modulus (1% Secant) ³	450	MPa	ASTM D790B
Melting Point	127	°C	ASTM D3418
ESCR - 10% Igepal (F ₅₀)	>1000	hrs	ASTM D1693 Condition B

1. Typical values - not to be construed as specifications.
2. At 500 mm/min crosshead speed.
3. At 12.7 mm/min crosshead speed.

For up to date information, refer to genos.com

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