

DESCRIPTION

Alkathene LDN248 is a medium flow injection moulding grade of low density polyethylene.

APPLICATION

Alkathene LDN248 is intended for use in the production of injection moulded caps and closures. LDN248 is not recommended for high stress crack resistance applications. Suitability for use in any application should be determined by appropriate performance testing.

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	8	g/10 min	ASTM D1238
Density	0.922	g/cm ³	ASTM D1505

Moulding Properties	Value ¹	Units	Test Method
Tensile Strength at Yield ²	12	MPa	ASTM D882
Durometer Hardness	52	Shore D	ASTM D2240
Flexural Modulus (1% Secant) ³	260	MPa	ASTM D790B
Melting Point	111	°C	ASTM D3418
ESCR - 10% Igepal (F ₅₀)	<3	hrs	ASTM D1693 Condition B

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

For up to date information, refer to genos.com

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