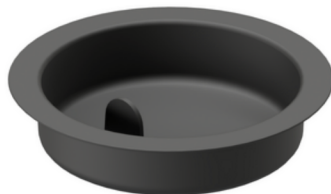




WONDERCAP

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**Wondercap Test Plugs - Made of Low Density Polyethylene
CAS No. :9002-88-4**

Please see attached Material Date Sheets for LDPE

DESCRIPTION

Alkathene LD6622 is a high flow injection moulding grade of low density polyethylene.

APPLICATION

Alkathene LD6622 is intended for use in the production of thin-walled injection mouldings. LD6622 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	70	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	53	Shore D	ASTM D2240
Flexural Modulus (1% Secant) ³	270	MPa	ASTM D790B
Melting Point	112	°C	ASTM D3418
ESCR - 10% Igepal (F ₅₀)	<1	hrs	ASTM D1693 Condition B

1. Typical values - not to be construed as specifications.
2. At 50 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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