

DESCRIPTION

Alkatane GE4760 is a medium molecular weight, easy flow High Density Polyethylene blow moulding grade with excellent organoleptic properties.

APPLICATION

Alkatane GE4760 is particularly suited to the production of water, dairy and juice bottles.

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	0.6	g/10 min	ASTM D1238
Melt Index @ 190°C, 5.0 kg	2.4	g/10 min	ASTM D1238
Melt Index @ 190°C, 21.6 kg	48	g/10 min	ASTM D1238
Density	0.964	g/cm ³	ASTM D1505

Moulding Properties	Value ¹	Units	Test Method
Tensile Strength at Yield ²	30	MPa	ASTM D638
Flexural Modulus (1% Secant) ³	1500	MPa	ASTM D790B
Izod Impact Strength @ -30°C	80	J/m	ASTM D256 Method A
ESCR - 10% Igepal (F ₅₀)	60	hrs	ASTM D1693 Condition B

1. Typical values - not to be construed as specifications.
2. At 50 mm/min cross head speed, type 4 dumbbell and 1.9 mm thickness.
3. At 12.7 mm/min cross head speed.

For up to date information, refer to genos.com

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