

DESCRIPTION

Alkathene LDJ226 is a low density polyethylene designed for a variety of low gauge (20 - 50µm) general purpose applications where antistatic or a low to medium slip film is required. Alkathene LDJ226 is formulated with a process stabilisation and antiblock package and contains an antistatic additive.

APPLICATION

Film Extrusion: Alkathene LDJ226 is intended for use in a wide range of shrink and other low gauge film applications including carry bags and overwrap films that require antiblock and a low to medium level of slip.

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

Film Properties ²	Value ¹	Units	Test Method	
Haze	7	%	ASTM D1003	
Gloss, 45°	71	GU	ASTM D2457	
Dart Drop Impact (F ₅₀)	70	g	ASTM D1709	
Tear Strength	MD TD	3.8 1.7	N N	ASTM D1922
Tensile Strength at Yield ³	MD TD	11 10	MPa MPa	ASTM D882
Tensile Strength at Break ³	MD TD	22 16	MPa MPa	ASTM D882
Elongation at Break ³	MD TD	270 740	% %	ASTM D882
2% Secant Modulus ⁴	MD TD	160 190	MPa MPa	ASTM D882

1. Typical values - not to be construed as specifications.
2. Film Properties have been measured on 32µm gauge film extruded at Qenos (2.0 to 1 blow-up ratio).
3. At 500 mm/min cross head speed.
4. At 20 mm/min cross head speed.

For up to date information, refer to genos.com

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