

DESCRIPTION

Alkathene LDH215 is a low density polyethylene designed for a variety of medium gauge (40-80µm) general purpose applications in which a high slip film is required. Alkathene LDH215 is formulated with a process stabilisation and antiblock additive package and contains additives designed to confer a high level of slip.

APPLICATION

Film Extrusion: Alkathene LDH215 is intended for use in medium gauge general purpose applications such as high slip carry bags and produce bags. Alkathene LDH215 is also used as a minor component in many high slip LLDPE films.

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

Film Properties ²	Value ¹	Units	Test Method	
Haze	9	%	ASTM D1003	
Gloss, 45°	67	GU	ASTM D2457	
Dart Drop Impact (F ₅₀)	120	g	ASTM D1709	
Tear Strength	MD TD	4.6 3.1	N N	ASTM D1922
Tensile Strength at Yield ³	MD TD	11 10	MPa MPa	ASTM D882
Tensile Strength at Break ³	MD TD	24 18	MPa MPa	ASTM D882
Elongation at Break ³	MD TD	380 740	% %	ASTM D882
2% Secant Modulus ⁴	MD TD	150 170	MPa MPa	ASTM D882

1. Typical values - not to be construed as specifications.
2. Film Properties have been measured on 50µm 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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