

DESCRIPTION

Alkathene XLF197 is a low density polyethylene designed for the production of thin gauge (less than 20µm) high clarity films. Alkathene XLF197 does not contain any additives.

APPLICATION

Film Extrusion: Alkathene XLF197 is intended primarily for the manufacture of thin food wrap and dry-cleaning films. It may also be used for other extrusion processes and masterbatch.

FOOD CONTACT / PRODUCT SAFETY

For food contact information please refer to the Regulatory Data Sheet at qenos.com. For product safety information please refer to the Safety Data Sheet at qenos.com.

Polymer Properties	Value ¹	Units	Test Method
Melt Index @ 190°C, 2.16 kg	5.5	g/10 min	ASTM D1238
Density	0.920	g/cm ³	ASTM D1505

Film Properties ²	Value ¹	Units	Test Method
Haze	4	%	ASTM D1003
Gloss, 45°	76	GU	ASTM D2457
Tear Strength MD TD	1.9 0.8	N N	ASTM D1922
Tensile Strength at Yield ³ MD TD	12 11	MPa MPa	ASTM D882
Tensile Strength at Break ³ MD TD	28 13	MPa MPa	ASTM D882
Elongation at Break ³ MD TD	150 630	% %	ASTM D882
2% Secant Modulus ⁴ MD TD	180 220	MPa MPa	ASTM D882

1. Typical values - not to be construed as specifications.
2. Film Properties have been measured on 15µm 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 qenos.com

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