

## DESCRIPTION

Alkathene XJF143 is a low density polyethylene designed for a variety of low gauge (20 - 50µm) general purpose film applications. Alkathene XJF143 does not contain any additives.

## APPLICATION

**Film Extrusion:** Alkathene XJF143 is intended for use in a variety of low gauge general purpose film applications, in blown film or cast film processes. Alkathene XJF143 may also be used for other applications such as extruded foam and masterbatch.

## FOOD CONTACT / PRODUCT SAFETY

For food contact information please refer to the Regulatory Data Sheet at [qenos.com](http://qenos.com). For product safety information please refer to the Safety Data Sheet at [qenos.com](http://qenos.com).

Polymer Properties	Value <sup>1</sup>	Units	Test Method
Melt Index @ 190°C, 2.16 kg	2.5	g/10 min	ASTM D1238
Density	0.920	g/cm <sup>3</sup>	ASTM D1505

Film Properties <sup>2</sup>	Value <sup>1</sup>	Units	Test Method	
Haze	5	%	ASTM D1003	
Gloss, 45°	77	GU	ASTM D2457	
Dart Drop Impact (F <sub>50</sub> )	70	g	ASTM D1709	
Tear Strength	MD TD	4.1 1.8	N N	ASTM D1922
Tensile Strength at Yield <sup>3</sup>	MD TD	10 9	MPa MPa	ASTM D882
Tensile Strength at Break <sup>3</sup>	MD TD	22 17	MPa MPa	ASTM D882
Elongation at Break <sup>3</sup>	MD TD	290 810	% %	ASTM D882
2% Secant Modulus <sup>4</sup>	MD TD	150 180	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 [qenos.com](http://qenos.com)

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