

## DESCRIPTION

Alkatuff LL425 is a hexene copolymer linear low density polyethylene, designed for high quality cast film applications. Alkatuff LL425 is formulated with stabilisation additives, but contains no other additives.

## APPLICATION

**Film Extrusion:** Alkatuff LL425 is intended for cast film applications that require toughness, high clarity and processability. Addition of a UV stabiliser should be considered where the intended application involves intermittent to extended exposure to sunlight.

## FOOD CONTACT / PRODUCT SAFETY

For food contact information please refer to the Regulatory Data Sheet at [genos.com](http://genos.com). For product safety information please refer to the Safety Data Sheet at [genos.com](http://genos.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	0.918	g/cm <sup>3</sup>	ASTM D1505

Film Properties <sup>2</sup>		Value <sup>1</sup>	Units	Test Method
Haze		1.3	%	ASTM D1003
Gloss, 45°		93	GU	ASTM D2457
Tensile Strength at Yield <sup>3</sup>	MD TD	8 9	MPa MPa	ASTM D882
Tensile Strength at Break <sup>3</sup>	MD TD	24 14	MPa MPa	ASTM D882
Elongation at Break <sup>3</sup>	MD TD	600 750	% %	ASTM D882

1. Typical values - not to be construed as specifications.
2. Film properties measured on 25µm gauge film extruded on commercial cast line (230°C melt temperature)
3. At 500 mm/min cross head speed.

For up to date information, refer to [genos.com](http://genos.com)

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