

DESCRIPTION

LL525 is a hexene copolymer linear low density polyethylene, designed for high quality cast film applications. LL525 is formulated with stabilisation additives, but contains no other additives.

APPLICATION

Film Extrusion: LL525 is intended for cast film applications such as nappy film and bubble wrap. 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. 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	0.935	g/cm ³	ASTM D1505

Film Properties ²		Value ¹	Units	Test Method
Haze		4	%	ASTM D1003
Gloss, 45°		79	GU	ASTM D2457
Dart Drop Impact (F ₅₀)		60	g	ASTM D1709
Tensile Strength at Yield ³	MD TD	15 15	MPa MPa	ASTM D882
Tensile Strength at Break ³	MD TD	31 28	MPa MPa	ASTM D882
Elongation at Break ³	MD TD	750 840	% %	ASTM D882

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

For up to date information, refer to genos.com

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