Alkathene® Ultra LDJ226

Linear Low Density Polyethylene

Qenos Pty Ltd

Message:

LDJ226 is a low density polyethylene designed predominantly for use in bundle shrink film and a variety of low gauge (20 - 50µm) general purpose applications where a medium slip film is required. LDJ226 is formulated with a process stabilisation and antiblock package and contains antistatic additives.
LDJ226 is intended for use in a wide range of shrink and general purpose film applications typically of the thickness 20 to 50µm.

General Information			
Additive	Processing stabilizer Anti-caking agent Antistatic property		
Features	Anti-caking property Antistatic property General Moderate smoothness		
Uses	Films Shrinkable film		
Agency Ratings	AS 2070-1999 4.1.1(a) FDA 21 CFR 177.1520(c) 2.1		
Forms	Particle		
Processing Method	Film extrusion		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	0.922	g/cm³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.5	g/10 min	ASTM D1238
Films	**Nominal Value**	**Unit**	**Test Method**
Film Thickness - Tested	32	µm	
secant modulus			ASTM D882
2% secant, MD: 32 µm, blown film	160	MPa	ASTM D882
2% secant, TD: 32 µm, blown film	190	MPa	ASTM D882
Tensile Strength			ASTM D882
MD: Yield, 32 µm, blown film	11.0	MPa	ASTM D882
TD: Yield, 32 µm, blown film	10.0	MPa	ASTM D882
MD: Broken, 32 µm, blown film	22.0	MPa	ASTM D882
TD: Broken, 32 µm, blown film	16.0	MPa	ASTM D882

Tensile Elongation			ASTM D882
MD: Broken, 32 µm, blown film	270	%	ASTM D882
TD: Broken, 32 µm, blown film	740	%	ASTM D882
Dart Drop Impact (32 µm, Blown Film)	70	g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922
MD: 32 µm, blown film	390	g	ASTM D1922
TD: 32 µm, blown film	170	g	ASTM D1922
Optical	**Nominal Value**	**Unit**	**Test Method**
Gloss (45 °, 32.0 µm, blown film)	71		ASTM D2457
Haze (32.0 µm, blown film)	7.0	%	ASTM D1003
Additional Information			

Film properties taken from blown film processed at a blow up ratio of 2:1.

Recommended distributors for this material

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