Alkathene® Ultra LDJ225

Linear Low Density Polyethylene

Qenos Pty Ltd

Message:

LDJ225 is a low density polyethylene designed for use in the production of low gauge (20-50µm), high quality film. LDJ225 is formulated with a process stabilisation and antiblock additive package and contains other additives designed to confer very high levels of slip.
LDJ225 is intended primarily for use in bread bag film and is also suitable for use in a variety of general purpose low gauge (20-50µm) film applications.

General Information			
Additive	High smoothness Processing stabilizer Anti-caking agent		
Features	High smoothness Anti-caking property General		
Uses	Films Bags		
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	23.0	MPa	ASTM D882
TD: Broken, 32 µm, blown film	16.0	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Broken, 32 µm, blown film	290	%	ASTM D882

TD: Broken, 32 µm, blown film	720	%	ASTM D882
Dart Drop Impact (32 µm, Blown Film)	70	g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922
MD: 32 µm, blown film	410	g	ASTM D1922
TD: 32 µm, blown film	180	g	ASTM D1922
Optical	Nominal Value	Unit	Test Method
Gloss (45 °, 32.0 µm, blown film)	69		ASTM D2457
Haze (32.0 µm, blown film)	8.0	%	ASTM D1003
Additional Information			

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

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

WECHAT