

Product Data Sheet

LL0220AA

Linear Low Density Polyethylene copolymer

Product Description

LL0220AA is linear low density polyethylene copolymer containing butene-1(C4) as comonomer. It is suitable for blending with conventional LDPE for cast film applications.

Film made from pure LL0220AA has the following advantages over LDPE:
 good balance of mechanical properties, good optical properties

Applications:

light and medium duty films, stretch film

PROPERTY		UNIT	TEST METHOD	TYPICAL VALUE
MELT FLOW INDEX(2.16KG)		g/10min	ASTM D-1238	2.4
DENSITY		gr/cm ³	ASTM D-1505	0.9261
VICAT SOFTENING POINT		°C	ASTM D-1525	100
FILM**				
DART DROP IMPACT	METHOD A	GR	ASTM D-1709	90
TENSILE STRESS AT YEILD	MD/TD	MPA	ASTM D-882	10/11
TENSILE STRESS AT BREAK	MD/TD	MPA	ASTM D-882	30/25
ELONGATION AT BREAK	MD/TD	%	ASTM D-882	1000/1100
HAZE	-	%	ASTM D-1003	1
GLOSS(45°)	-	%°	ASTM D-2457	30

*All above mentioned data are typical values and not to be construed as real specifications. Users should confirm results by their own tests. For more information about guaranteed items, please refer to S.S.S. (Standard Sales Specifications)

**38μm film, 2.5:1 blow up ratio, 225°C melt temperature, MD: Machine Direction, TD: Transverse Direction Grade Suffix (Additives Indication):

AA: GENERAL ANTIOXIDANT