



16503

Linear Low Density Polyethylene (LLDPE)

Product Description

16503 is a LLDPE for general purpose cast stretch film grade. The ease of processing and the low gels make 16503 well suited for production of general purpose monolayer or multilayer cast stretch film.

Application

- Cast

PROPERTY	UNIT	TYPICAL VALUE	TEST METHOD
DENSITY	(g/ml)	0.916	ASTM D 1505
MFR(190°C/2.16KG)	(g/10min)	3	ASTM D 1238
PUNCTURE RESISTANCE	(N)	14	Montell
DART IMPACT	(g)	65	ASTM D 1709
ELEMENDORF TEAR MD/TD	(g)	60/330	ASTM D 1922
TENSILE STRENGTH AT YIELD MD/TD	(MPa)	11.8/10.0	ASTM D 882
TENSILE STRENGTH AT BREAK MD/TD	(MPa)	52/24	ASTM D 882
ULTIMATE ELONGATION MD/TD	(%)	500/800	ASTM D 882
2% SECANT MODULUS MD/TD	(MPa)	115/115	ASTM D 882
HAZE	(%)	2	ASTM D 1003
GLOSS 45°	(%)	88	ASTM D 2457

Physical properties obtained on 25 micron film, obtained on a three coextr. Cast line, 16503 fed to all extruders, diameters 70/120/70 mm, Temp. Profile 205→280°C, 2000 mm flat die, melt temp. 260°C.

Producer: Jam Petrochemical Co.

Licensor: Basell

Packing: 25 Kg plastic bag

IMPORTANT: The information and data presented herein are based on values from respective product manufacture. Therefore, no warranty or guarantee, expressed or implied, is made nor is any accountability accepted with respect to the use of such information and data. All mentioned data are typical values and not to be considered as legally binding specification.