Braskem PE LD 5000A

Low Density Polyethylene

Braskem

Message:

Description:
LD5000A is a low density polyethylene (LDPE), with good mechanical properties and high flexibility. Contain no additives.
Applications:
Blow molded articles for general purpose and injection blow molding.
Process:
Blow molding

General Information	
Features	Food Contact Acceptable Good Flexibility Good Heat Seal High ESCR (Stress Crack Resist.)
Uses	Blow Molding Applications General Purpose
Agency Ratings	FDA 21 CFR 177.1520
Forms	Pellets
Processing Method	Blow Molding Injection Blow Molding

Physical	Nominal Value	Unit	Test Method
Density	0.921	g/cm³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	1.4	g/10 min	ASTM D1238
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength			ASTM D638
Yield, Compression Molded	12.0	MPa	
Break, Compression Molded	15.0	MPa	
Thermal	**Nominal Value**	**Unit**	**Test Method**
Vicat Softening Temperature	94.0	°C	ASTM D1525 [1]

NOTE	
1.	Loading 1 (10 N)

Recommended distributors for this material

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