

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/cm ³	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)		

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