

# Braskem PE LDI7022

Low Density Polyethylene

Braskem IDESA

## Message:

LDI7022 is a low density polyethylene produced at high pressure condition in tubular reactor. Products molded with this resin exhibit high flexibility.

Applications:

Lids and Caps, Household Items. Injection molded parts of large flat area.

Process:

Injection Molding.

General Information			
Features	High Flexibility		
Uses	Cover		
	Shield		
	Household goods		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.922	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	7.0	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	43		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	9.00	MPa	ASTM D638
Fracture	10.0	MPa	ASTM D638
Flexural Modulus	240	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	86.0	°C	ASTM D1525

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## Recommended distributors for this material

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