

# Braskem PE CX 7020

Low Density Polyethylene

Braskem

Message:

CX7020 is a low-density polyethylene (LDPE), excellent processability, and low gel content. Those features allow a production of thin and highly uniform films. This product is identified as PE 113 according to ASTM D-4976-04a standard specification.

General Information	
Features	Foamable
	Good Processability
	Low Gel
Uses	Film
	Laminates
Agency Ratings	ASTM D 4976-PE113
Processing Method	Film Extrusion
	Foam Processing
	Injection Blow 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)	2.0	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	50	µm	
Secant Modulus			ASTM D882
2% Secant, MD : Blown Film	130	MPa	
2% Secant, TD : Blown Film	140	MPa	
Tensile Strength			ASTM D882
MD : Break, 50 µm,Blown Film	22.0	MPa	
TD : Break, 50 µm,Blown Film	20.0	MPa	
Tensile Elongation			ASTM D882
MD : Break, 50 µm,Blown Film	350	%	
TD : Break, 50 µm,Blown Film	650	%	
Dart Drop Impact (50 µm, Blown Film)	120	g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922
MD : 50 µm, Blown Film	410	g	
TD : 50 µm, Blown Film	280	g	
Optical	Nominal Value	Unit	Test Method
Gloss			ASTM D2457

45°, 50.0 µm, Blown Film	65		
60°, 50.0 µm, Blown Film	100		
Haze (50.0 µm, Blown Film)	7.5	%	ASTM D1003
Extrusion	Nominal Value	Unit	
Melt Temperature	145 to 190	°C	

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#### Recommended distributors for this material

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