

# Braskem PE LF-0720/20AF

Linear Low Density Polyethylene

Braskem

## Message:

LF0720/21AF is a LLDPE Butene copolymer produced using Unipol process technology. It shows excellent optical properties associated with good balance of mechanical properties, processing performance and sealability. This resin contains Antioxidant, Antiblocking and Processing Aid additive.

Applications:

Heavy-duty bags; liners; LDPE and HDPE blends; packages for general use.

General Information			
Additive	Antiblock		
	Antioxidant		
	Processing Aid		
Features	Antiblocking		
	Antioxidant		
	Butene Comonomer		
	Copolymer		
	Good Processability		
	Opticals		
Uses	Blending		
	Film		
	Heavy-duty Bags		
	Liners		
	Packaging		
Agency Ratings	FDA 21 CFR 177.1520		
Processing Method	Blown Film		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.921	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.70	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	38	µm	ASTM D882
Tensile Strength			
MD : Break, 38 µm,Blown Film	40.0	MPa	
TD : Break, 38 µm,Blown Film	30.0	MPa	ASTM D882
Tensile Elongation			
MD : Break, 38 µm,Blown Film	830	%	
TD : Break, 38 µm,Blown Film	1200	%	

Flexural Modulus			ASTM D790
1% Secant, MD : 38 μm, Blown Film	180	MPa	
1% Secant, TD : 38 μm, Blown Film	200	MPa	
Dart Drop Impact (38 μm, Blown Film)	100	g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922
MD : 38 μm, Blown Film	100	g	
TD : 38 μm, Blown Film	400	g	
Optical	Nominal Value	Unit	Test Method
Gloss (60°, 38.0 μm, Blown Film)	112		ASTM D2457
Haze (38.0 μm, Blown Film)	9.0	%	ASTM D1003

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

#### Recommended distributors for this material

### Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

