

# Braskem PE HF2208S3

Linear Low Density Polyethylene

Braskem

## Message:

The HF2208S3 resin is a linear low density polyethylene, developed for blown film extrusion with good mechanical properties.

Applications:  
High-performance technical films for automatic packaging of liquids and solids, co-extrusion and general uses

Additive:  
Antioxidant  
Slip  
Anti-blocking  
Processing Aid

Process:  
The HF2208S3 needs to be processed in blown film extruder. The optimum processing conditions are obtained with extrusion temperature between 200 to 220°C blended with 30% of low density polyethylene.

General Information			
Additive	Processing aid		
	Anti-caking agent		
	Antioxidation		
	slip agent		
Features	smoothness		
	Anti-caking property		
	Antioxidation		
Uses	Blown Film		
	Packaging		
	Films		
Processing Method	Blow film		
	Co-extruded film		
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)	0.75	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
secant modulus			ASTM D882
1% secant, MD	210	MPa	ASTM D882
1% secant, TD	240	MPa	ASTM D882
Tensile Strength			ASTM D882
MD: Fracture	45.0	MPa	ASTM D882
TD: Fracture	30.0	MPa	ASTM D882

Tensile Elongation			ASTM D882
MD: Fracture	950	%	ASTM D882
TD: Fracture	1200	%	ASTM D882
Dart Drop Impact	200	g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922
MD	150	g	ASTM D1922
TD	840	g	ASTM D1922
Optical	Nominal Value	Unit	Test Method
Gloss (45°)	70		ASTM D2457
Haze	11	%	ASTM D1003

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Recommended distributors for this material

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