

Braskem PE LDF6522

Low Density Polyethylene

Braskem IDESA

Message:

LDF6522 resin is a low density polyethylene designed for cast extrusion and injection molding sectors. It is used for flexible packaging and cardboard coating. It offers low neck in and optimum extrusion speed (Draw down). This resin meets U.S. FDA 21 CFR 177.1520.

Applications:

Extrusion Coating, Caps Injection, Masterbatch, Packaging for snacks, juices and condiments.

Process:

Cast Film Extrusion.

Injection molding.

General Information			
Features	Low shrinkage		
Uses	Packaging		
	Films		
	Shield		
	cast film		
	Masterbatch		
	Food packaging		
	Coating application		
Agency Ratings	FDA 21 CFR 177.1520		
Processing Method	Extrusion coating		
	cast film		
	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.922	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	6.5	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	50		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	11.2	MPa	ASTM D638
Tensile Elongation (Break)	530	%	ASTM D638
Flexural Modulus	210	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	85.0	°C	ASTM D1525

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