

Egyeuroptene LDPE 2020

Low Density Polyethylene

Egyptian European Company

Message:

Egyeuroptene LDPE 2020 Resin has high stiffness, good toughness, and excellent gloss.

Applications:

Medium sized molding

Cosmetic containers

Bottle closures

Food containers

General Information			
Features	Good Toughness		
	High Gloss		
	High Stiffness		
	Low Density		
Uses	Closures		
	Containers		
	Cosmetics		
	Food Containers		
Forms	Powder		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.920	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	20	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - 1% Secant	186	MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	11.8	MPa	
Break	9.81	MPa	
Tensile Elongation (Break)	120	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-35.0	°C	ASTM D746
Vicat Softening Temperature	87.0	°C	ASTM D1525
Injection	Nominal Value	Unit	
Processing (Melt) Temp	160 to 240	°C	
Mold Temperature	15.0 to 50.0	°C	

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