

ResinDirect HDPE20

High Density Polyethylene

ResinDirect

Message:

ResinDirect HDPE20 is a High Density Polyethylene material. It is available in North America for injection molding. Primary attribute of ResinDirect HDPE20: Copolymer.

Typical application of ResinDirect HDPE20: Food Contact Applications

General Information			
Features	Copolymer		
Agency Ratings	FDA 21 CFR 177.1520		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.953	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 Strength ¹ (Yield)	26.9	MPa	ASTM D638
Tensile Elongation ² (Break)	500	%	ASTM D638
Flexural Modulus ³	903	MPa	ASTM D790
NOTE			
1.	5.1 mm/min		
2.	5.1 mm/min		
3.	2.5 mm/min		

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Recommended distributors for this material

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