

SPI HDPE20

High Density Polyethylene
Service Polymers, Inc.

Message:

SPI HDPE20 is a High Density Polyethylene product. It can be processed by injection molding and is available in North America. Applications of SPI HDPE20 include caps/lids/closures, consumer goods and household applications.

General Information			
Features	High Density		
Uses	Closures		
	Household Goods		
	Toys		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.952	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	20	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, Compression Molded)	65		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, Compression Molded)	21.4	MPa	ASTM D638
Flexural Modulus (Compression Molded)	862	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, Compression Molded)	35	J/m	ASTM D256

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