

# ULTZEX™ 2020SB

Linear Low Density Polyethylene

Prime Polymer Co., Ltd.

## Message:

ULTZEX™ 2020SB is a Linear Low Density Polyethylene product. It can be processed by blow molding and is available in Asia Pacific, Europe, or North America. Applications of ULTZEX™ 2020SB include containers, packaging and plumbing/piping/potable water.

Characteristics include:

- Clarity
- Good Processability
- Impact Resistant

General Information			
Features	Good Impact Resistance		
	Good Processability		
	High Clarity		
Uses	Containers		
	Cosmetic Packaging		
	Food Containers		
	Piping		
Processing Method	Blow Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.920	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	1.6	g/10 min	ISO 1133
Environmental Stress-Cracking Resistance	> 1000	hr	ASTM D1693
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D, Injection Molded)	51		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break, Injection Molded)	16.0	MPa	ISO 527-2
Tensile Strain (Break, Injection Molded)	370	%	ISO 527-2
Flexural Modulus (Injection Molded)	190	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength	No Break		ISO 179
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	101	°C	ISO 306

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