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High Density Polyethylene

H20056B

PRODUCT DESCRIPTION

HDPE injection copolymer for general injection molding application.

APPLICATIONS

Product used for general injection molding application, including pails, toys, and housewares.

TYPICAL PROPERTIES

Properties	Typical Value	Unit	Test Method
Melt Flow Index (190°C/2.16 kg)	20.0	g/10 min	ASTM D1238
Density	0.953 - 0.955	g/cm ³	ASTM D1505
Brittleness Temperature	-20	°C	ASTM D746
Vicat Softening Point	124 - 126	°C	ASTM D1525
Tensile Strength at Yield	3,290 - 3,330	psi	ASTM D638
Elongation at Break	240 - 260	%	ASTM D638
Flexural Modulus	121,000 - 125,000	psi	ASTM D790B
Durometer Hardness, Shore D	57		ASTM D2240

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