

## High Density Polyethylene

**HI17051B**

### PRODUCT DESCRIPTION

HDPE injection copolymer for general injection molding application.

### APPLICATIONS

Product used for general injection molding application, including caps and closures non-carbonated, and housewares.

### TYPICAL PROPERTIES

Properties	Typical Value	Unit	Test Method
Melt Flow Index (190°C/2.16 kg)	17.0 - 20.0	g/10 min	ASTM D1238
Density	0.951 - 0.952	g/cm <sup>3</sup>	ASTM D792
Vicat Softening Point	122 - 125	°C	ASTM D1525
Tensile Strength at Yield	3,790 - 3,900	psi	ASTM D638
Elongation at Break	71 - 500	%	ASTM D638
Flexural Modulus	145,000 - 175,000	psi	ASTM D790
ESCR, F <sub>50</sub>	<10	h	ASTM D1693

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