

Polypropylene Impact Copolymer Injection

PB5000B

PRODUCT DESCRIPTION

A polypropylene impact copolymer resin for injection molding.

APPLICATIONS

Product is used for injection molding application, including consumer products and rigid packaging.

TYPICAL PROPERTIES

Properties	Typical Value	Unit	Test Method
Melt Flow Rate	49 - 51	g/10 min	ASTM D1238
Density	0.90	g/cm ³	ASTM D792
Tensile Strength at Yield	3,000 - 3,200	psi	ASTM D638
	20 - 22	MPa	ASTM D638
Flexural Modulus - 1% Secant (0.051 in/min)	154,000 - 156,000	psi	ASTM D790
	1040 - 1100	MPa	ASTM D790
Elongation at Yield	5	%	ASTM D638
Izod Impact, Notched (at 23 °C)	122 - 124	J/m	ASTM D256
Deflection Temperature Under Load*	99	°C	ASTM D648

* 0.45 Mpa, Unannealed

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