

## PBM-1NB Polypropylene Impact Copolymer

MELT - 1.2

DENSITY - 0.901

**PBM-1NB** is a certified prime grade High-Impact copolymer for blow molding, thermoforming and profile extrusion applications. **PBM-1NB** complies with FDA regulation 21CFR 177.1520 C(3.1a/3.2b) and with most international regulations concerning the use of Polypropylene in contact with food articles.

### Features:

- Good balance
- Good stiffness
- High impact resistance

PROPERTIES	ASTM	UNIT	VALUES
<b>PHYSICAL</b>			
Density	D1505	g/cm <sup>3</sup>	0.901
Melt Flow Rate (230°C, 2.16kg)	D1238	g/10 min	1.2
<b>MECHANICAL (Injection Molded)</b>			
Tensile Strength (Yield, 2 in/min)	D638	psi	3750
Tensile Elongation (Yield, 2 in/min)	D638	%	8.0
Flexural Modulus - 1% Secant (0.051in/min)	D790	psi	170k
Notched Izod Impact @ 73°F	D256	ft-lb/in	No Break
Notched Izod Impact @ 32°F	D785	ft-lb/in	1.6
Rockwell Hardness (R-Scale)	D785		100
HDT Under Load (66 psi, Unannealed)	D648	°F	203