

MELT - 2.0

DENSITY - 0.902

PBM-2NB is a certified prime blow molding no break grade developed for extra high izod impact containers produced by thermoforming, extrusion-blow or injection blow molding equipment. **PBM-2NB** complies with FDA regulation 21CFR 177.1520 3(i) & C(3.1a/3.2b) and with most international regulations concerning the use of Polypropylene in contact with food articles.

Features:

- Good processability
- Good toughness
- Good melt strength
- Ultra high melt resistance
- Low temperature impact resistance
- High rigidity
- Nucleated

Typical Applications:

- Bathroom accessories
- Cosmetics
- Food containers
- Medical/Healthcare applications
- Pharmaceuticals

PROPERTIES	ASTM	UNIT	VALUES
PHYSICAL			
Density	D1505	g/cm ³	0.902
Melt Flow Rate (230°C, 2.16kg)	D1238	g/10 min	2.0
MECHANICAL (Injection Molded)			
Tensile Strength (Yield, 2 in/min)	D638	psi	4300
Tensile Elongation (Yield, 2 in/min)	D638	%	9.0
Flexural Modulus - 1% Secant (0.051in/min)	D790	psi	180k
Notched Izod Impact @ 73°F	D256	ft-lb/in	No Break
Vicat Softening Temperature	1525	°F	275
Rockwell Hardness	D785	R Scale	82
HDT Under Load (66 psi, Unannealed)	D648	°F	190