

MELT - 2.0

DENSITY - 0.902

PRB-2C is a certified prime grade Clarified BLOW MOLDING copolymer developed for high contact clarity containers produced by Extrusion, blow or injection molding processes. **PRB-2C** complies with FDA regulation 21CFR 177.1520 and most international regulations concerning Polypropylene use in contact with food.

Features:

- Good melt strength, mold release, processability
- High clarity, gloss, purity, rigidity, stiffness
- Contact clarity
- Good toughness
- High impact resistance
- High melt stability

Typical Applications:

- Cosmetics
- Toiletry
- Health aid products requiring superior clarity, rigidity and toughness

PROPERTIES	ASTM	UNIT	VALUES
PHYSICAL			
Density	D1505	g/cm ³	0.902
Melt Flow Rate (190°C, 2.16kg)	D1238	g/10 min	2.0
MECHANICAL			
Tensile Strength (Yield, 0.126 in.)	D638	psi	4200
Tensile Elongation (Yield, 0.126 in.)	D638	%	12
Flexural Modulus - 1% Secant	D790	psi	150k
Notched Izod Impact	D256	ft-lb/in	5.0
HDT Under Load (66 psi, Unannealed)	D648	°F	180
Vicat Softening Temperature	D1525	°F	275