

MELT - 20

DENSITY - 0.900

PBM-20 is a certified prime grade Impact injection molding copolymer designed for applications requiring excellent balance of stiffness and impact resistance. **PBM-20** complies with FDA regulation 21CFR177.1520(a)(3)(i)/(c)3.1+3.2 and most international regulations concerning the use of Polypropylene in contact with food.

Features:

- Fast molding cycle
- Good dimensional stability, processability & stiffness
- High flow & impact resistance
- Low temperature impact resistance

Typical Applications:

- Automotive & automotive interior trim
- Caps & closures
- Housewares
- Furniture
- Toys
- Industrial parts
- Appliance components

PROPERTIES	ASTM	UNIT	VALUES
PHYSICAL			
Density	D1505	g/cm ³	0.900
Melt Flow Rate (190°C, 2.16kg)	D1238	g/10 min	20
MECHANICAL (Injection Molded)			
Tensile Strength @ Yield (2.0 in/min)	D638	psi	3180
Tensile Elongation @ Yield (2.0 in/min)	D638	%	7.0
Flexural Modulus - 1% Secant (0.051 in/min)	D790	psi	157k
Notched Izod Impact (73°F)	D256	ft-lb/in	3.0
Rockwell Hardness (R-Scale)	D785		81
HDT Under Load (66 psi Unannealed)	D648	°F	190
Vicat Softening Temperature	D1525	°F	270