

MELT - 35

DENSITY - 0.900

PBM-35 is a certified prime grade Impact Copolymer designed for injection molding of applications requiring optimal balance of stiffness and impact resistance. **PBM-35** complies with FDA regulation 21CFR 177.1520 (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
- Good processability
- Good stiffness
- High flow
- High impact resistance

Typical Applications:

- Automotive interior trim
- Thin-walled parts
- Toys
- Overcaps
- Closures and household goods

PROPERTIES	ASTM	UNIT	VALUES
PHYSICAL			
Density	D1505	g/cm ³	0.900
Melt Flow Rate (190°C, 2.16kg)	D1238	g/10 min	35
MECHANICAL			
Tensile Strength (Yield, 0.126 in.)	D638	psi	3800
Tensile Elongation @ Yield (2.0 in/min)	D638	%	9.0
Flexural Modulus - 1% Secant	D790	psi	190k
Notched Izod Impact	D256	ft-lb/in	1.3
Rockwell Hardness (R-Scale)	D785		83
HDT Under Load (66 psi, Unannealed)	D648	°F	217
Vicat Softening Temperature	D1525	°F	275