

MELT - 37

DENSITY - 0.900

PBM-37 is a certified prime grade impact copolymer designed for injection molding of applications requiring optimal balance of stiffness and impact resistance. **PBM-37** complies with FDA regulation 21CFR 177.1520 (a)(3)(i)/c3.1 & 3.2 and most international regulations concerning the use of Polypropylene in contact with food.

Features:

- Fast molding cycle
- Food contact acceptable
- Good dimensional stability
- Good impact resistance
- Good processability & stiffness
- High flow

Typical Applications:

- Automotive interior trim
- Closures
- Household goods
- Outdoor furnishings
- Thin-walled parts
- Toys

PROPERTIES	ASTM	UNIT	VALUES
PHYSICAL			
Density	D1505	g/cm ³	0.900
Melt Flow Rate (230°C, 2.16kg)	D1238	g/10 min	37
MECHANICAL (Injection Molded)			
Tensile Strength (Yield, 2 in/min)	D638	psi	3600
Tensile Elongation (Yield, 2 in/min)	D638	%	55
Flexural Modulus - 1% Secant (0.051in/min)	D790	psi	160k
Notched Izod Impact @ 73°F	D256	ft-lb/in	2.1
Rockwell Hardness	D785	R Scale	87
HDT Under Load (66 psi, Unannealed)	D648	°F	200