

MELT - 75

DENSITY - 0.900

PBM-80 is a very high melt flow, medium impact copolymer of polypropylene. It is designed for such applications as packaging, housewares & consumer goods requiring good impact strength especially in cold temperatures. **PBM-80** complies with FDA regulation 21CFR 177.1520 and most international regulations concerning the use of polypropylene in contact with food articles.

Features:

- Good impact strength
- Easy mold flow
- Excellent physical property balance
- Good dimensional stability

Typical Applications:

- Packaging
- Housewares
- Consumer goods

PROPERTIES	ASTM	UNIT	VALUES
PHYSICAL			
Density	D1505	g/cm ³	0.900
Melt Flow Rate (230°C)	D1238	g/10 min	75
MECHANICAL			
Tensile Strength @ Yield (50mm/min)	D638	psi	3130
Elongation @ Yield (50mm/min)	D638	%	5
Flexural Modulus - 1% Secant (1.3mm/min)	D790	psi	155k
Notched Izod Impact (73°F)	D256A	ft-lb/in	2.5
HDT (66 psi)	D648	°F	206