

MELT - 8.0

DENSITY - 0.900

**PBM-8** is a certified prime grade impact copolymer resin exhibiting high crystallinity & high impact, designed for injection molding medium melt flow rate. **PBM-8** complies with FDA regulation 21CFR 177.1520(c3).1a/3.2a & with most international regulations for use in contact with food.

### Features:

- Medium flow
- High impact resistance
- Good dimensional stability
- High crystallinity

### Typical Applications:

- Automotive applications
- Automotive interior parts & trim
- Consumer applications
- Toys

PROPERTIES	ASTM	UNIT	VALUES
<b>PHYSICAL</b>			
Density	D1505	g/cm <sup>3</sup>	0.900
Melt Flow Rate (230°C, 2.16kg)	D1238	g/10 min	8.0
<b>MECHANICAL (Injection Molded)</b>			
Tensile Strength (Yield, 2 in/min)	D638	psi	3630
Tensile Elongation (Yield, 2 in/min)	D638	%	7.0
Flexural Modulus - 1% Secant (0.051in/min)	D790	psi	164k
Notched Izod Impact @ 73°F	D256	ft-lb/in	4.3
Vicat Softening Temperature	D648	°F	266
HDT Under Load (66 psi, Unannealed)	D648	°F	180