

MELT - 50

DENSITY - 0.901

**PBM-50** is a certified prime grade Impact copolymer designed for injection molding applications. **PBM-50** offers high flow rate, good low temperature impact, and a high flexural modulus.

### Features:

- Good flexibility
- High flow
- Low temperature impact resistance

### Typical Applications:

- Trays
- Thin-walled parts
- Housewares

PROPERTIES	ASTM	UNIT	VALUES
<b>PHYSICAL</b>			
Density	D1505	g/cm <sup>3</sup>	0.901
Melt Flow Rate (190°C, 2.16kg)	D1238	g/10 min	50
<b>MECHANICAL (Injection Molded)</b>			
Tensile Strength @ Yield (2.0 in/min)	D638	psi	4300
Tensile Elongation @ Yield (2.0 in/min)	D638	%	6.0
Flexural Modulus - 1% Secant (0.051 in/min)	D790	psi	170k
Notched Izod Impact	D256	ft-lb/in	1.7
Rockwell Hardness (R-Scale)	D785		85