

PBM-20AN Polypropylene Impact Copolymer

MELT - 20

DENSITY - 0.900

PBM-20AN is a certified prime grade for injection molding applications needing Medium Impact Performance. **PBM-20AN** contains nucleating agent and anti-stat & complies with FDA regulation 21CFR 177.1520(c) 3.2a, conditions of use B-H (per 21 CFR 176. 170(c)).

Features:

- Food Contact Acceptable
- Impact Copolymer
- Medium Impact Resistance
- Nucleated

Typical Applications:

- Storage containers
- Bins
- Crates

PROPERTIES	ASTM	UNIT	VALUES
PHYSICAL			
Density	D1505	g/cm ³	0.900
Melt Flow Rate (230°C, 2.16kg)	D1238	g/10 min	20
MECHANICAL (Injection Molded)			
Tensile Strength (Yield, 2.0in/min)	D638	psi	3800
Tensile Elongation (Yield, 2.0in/min)	D638	%	7.0
Flexural Modulus - 1% Secant (0.051 in.)	D790	psi	150k
Notched Izod Impact (73°F, 0.126 in.)	D256	ft-lb/in	2.0
HDT Under Load (66psi unannealed)	D648	°F	194