

MELT - 4.0

DENSITY - 0.900

**PBS-4AN** is a certified prime grade Impact copolymer specially designed for extrusion of sheet for thermoforming food packaging containers. **PBS-4AN** complies with FDA regulation 21CFR 177.1520 (a)(3)(i) / (c)3.1+3.2, and most international regulations concerning the use of Polypropylene in contact with food.

### Features:

- Fast molding cycle
- Antistatic
- Good organoleptic properties
- Good processing stability
- Good stiffness, toughness, thermal stability
- Nucleated

### Typical Applications:

- Molding of household goods
- Food storage containers
- Hospital wares

PROPERTIES	ASTM	UNIT	VALUES
<b>PHYSICAL</b>			
Density	D1505	g/cm <sup>3</sup>	0.900
Melt Flow Rate (190°C, 2.16kg)	D1238	g/10 min	4.0
<b>MECHANICAL</b>			
Tensile Strength (Yield, 0.126 in.)	D638	psi	4350
Tensile Elongation (Yield, 0.126 in.)	D638	%	8.0
Flexural Modulus - 1% Secant	D790	psi	200k
Notched Izod Impact	D256	ft-lb/in	1.8
Rockwell Hardness (R-Scale)	D785		80
HDT Under Load (66 psi, Unannealed)	D648	°F	216
Vicat Softening Temperature	D1525	°F	293