

# POLYTAM PF1000

## HOMOPOLYMER POLYPROPYLENE

Polytam PF1000 is a homopolymer polypropylene manufactured through gas-phase polymerization process which formulated with anti-oxidant, anti-blocking, and slip agent.

### PRODUCTS CHARACTERISTIC

- Visually clearer
- Improved openability and low antistatic
- Excellent durability with glossy appearance
- Balanced processability with good film properties
- Suitable for film with thickness > 30 micron

### APPLICATIONS

- Flexible packaging
- General purpose film
- Rigid packaging and general purpose injection molding
- Closure, lids, etc.

Parameter	Test Method ASTM	Unit	PF1000
Melt Flow Rate @ 230 °C	D1238	g/10 min	10
Density	D1505	g/cm <sup>3</sup>	0.90
Melting Temperature	D3418	°C	165
Tensile Yield Strength	D638	Kgf/cm <sup>2</sup>	min. 370
Tensile Yield Elongation	D638	%	min. 13
Flexural Modulus	D790	Kgf/cm <sup>2</sup>	min. 15500
Rockwell Hardness	D785	R	min. 100
Vicat Softening Temperature	D1525	°C	min. 154
Heat Deflection Temperature	D648	°C	min. 100
Notched Izod Impact Strength at 23 °C	D256	J/m	min. 12