



Grade	B-120
Product	PP

General Information

Key Features

B-120 is homo polymer resin produced through the polymerization of propylene. This grade can be processed by sheet extrusion and blow molding. The characteristics of high strength, heat resistance and transparency endow the final product with an outstanding image.

Applications

- Flat sheet use(stationery files, binders, fancy goods etc.)
- Vacuum forming use(food packaging/industrial tray)
- Transparent disposable cups(Thermoforming)

Item	Measuring Method	Unit	Value
Physical			
Melt Flow Index	ASTM D1238	g/10min	1.0
Density	ASTM D792	g/cm ³	0.9
Mechanical			
Tensile Stress (Yield)	ASTM D638	kgf/cm ²	390
Tensile Strain (Break)	ASTM D638	%	≥100
Flexural Modulus	ASTM D790	kgf/cm ²	20,000
Impact			
Notched Izod Impact Strength (23°C)	ASTM D256	kgf·cm/cm	5.0
Thermal			
Heat Deflection Temperature	ASTM D648	°C	130

1. Physical Properties : these are not to be construed as specifications
2. ISO 9001, 14001, /TS 16949

* The last update date : 2021/10/01