



<b>Grade</b>	B-110
<b>Product</b>	PP

### General Information

#### Key Features

B-110 is homo polymer resin produced through the polymerization of propylene. This grade can be processed by sheet extrusion. 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)

Item	Measuring Method	Unit	Value
<b>Physical</b>			
Melt Flow Index	ASTM D1238	g/10min	0.5
Density	ASTM D792	g/cm <sup>3</sup>	0.9
<b>Mechanical</b>			
Tensile Stress (Yield)	ASTM D638	kgf/cm <sup>2</sup>	370
Tensile Strain (Break)	ASTM D638	%	≥100
Flexural Modulus	ASTM D790	kgf/cm <sup>2</sup>	16,000
<b>Impact</b>			
Notched Izod Impact Strength (23°C)	ASTM D256	kgf·cm/cm	7.0
<b>Thermal</b>			
Heat Deflection Temperature	ASTM D648	°C	110

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

\* The last update date : 2021/10/01