



HOPELEN B-110

PP HOMO POLYMER

General Information

Description

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, videotape case, etc)
- ◆ Vacuum forming use(food packaging/industrial tray)

Physical Properties¹

Physical	Test Method	Nominal Value			
Melt Flow Index	ASTM D1238	0.5	g/10min		
Density	ASTM D792	0.90	g/cm ³		
Mechanical					
Tensile Stress (Yield)	ASTM D638	370	kgf/cm ²	36	MPa
Tensile Strain (Break)	ASTM D638	>500	%		
Flexural Modulus	ASTM D790	16,500	kgf/cm ²	1,610	MPa
Rockwell Hardness	ASTM D785	103	R		
Impact					
Notched Izod Impact Strength (23°C)	ASTM D256	4.7	kgf·cm/cm	46	J/m
Thermal					
Heat Deflection Temperature(4.6kgf/cm ²)	ASTM D648	117	°C		

NOTE

ISO 9001, 14001, /TS 16949

¹ Physical Properties : these are not to be construed as specifications