

HOPELEN B-110

Polypropylene Homopolymer
Lotte Chemical Corporation

Message:

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.

General Information	
Features	High Clarity
	High Heat Resistance
	High Strength
	Homopolymer
Uses	Food Packaging
	Industrial Applications
	Packaging
	Sheet
RoHS Compliance	RoHS Compliant
Processing Method	Sheet Extrusion
	Vacuum Forming

Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.900	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	0.50	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	36.3	MPa	ASTM D638
Tensile Elongation (Break)	> 100	%	ASTM D638
Flexural Modulus	1570	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-10°C	25	J/m	
23°C	49	J/m	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	105	°C	ASTM D648

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