

DATASHEET

ASTM Property



Grade	B-110		
Product	Polypropylene, Homopolymer		
General Information			
Key Features	- Good strength and Heat resistance		
Applications	- Flat sheet use (stationery files, binders, fancy goods etc.) - Vacuum forming use (food packaging/industrial tray)		
Item	Measuring Method	Unit	Value
Physical Properties			
Melt Flow Index (230°C, 2.16kg)	ASTM D1238	g/10min	0.5
Density	ASTM D792	g/cm³	0.9
Mechanical Properties			
Tensile Stress (Yield)	ASTM D638	kgf/cm²	370
Tensile Strain (Break)	ASTM D638	%	≥100
Flexural Modulus	ASTM D790	kgf/cm²	16,000
Impact Properties			
Izod Impact Strength (notched, 23°C)	ASTM D256	kgf·cm/cm	7.0
Thermal Properties			
Heat Deflection Temperature (4.6kgf/cm²)	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 : 2022/09/21