

DATASHEET

ASTM Property



Grade	B-120
Product	Polypropylene, Homopolymer

General Information

Key Features	- Excellent strength and Heat resistance - Transparency
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 Properties			
Melt Flow Index (230°C, 2.16kg)	ASTM D1238	g/10min	1.0
Density	ASTM D792	g/cm ³	0.9
Mechanical Properties			
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 Properties			
Izod Impact Strength (notched, 23°C)	ASTM D256	kgf·cm/cm	5.0
Thermal Properties			
Heat Deflection Temperature (4.6kgf/cm ²)	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 : 2022/09/21