

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
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Physical Properties

Melt Flow Index (230°C, 2.16kg)	ASTM D1238	g/10min	0.5
Density	ASTM D792	g/cm ³	0.9

Mechanical Properties

Tensile Stress (Yield)	ASTM D638	kgf/cm ²	370
Tensile Strain (Break)	ASTM D638	%	≥100
Flexural Modulus	ASTM D790	kgf/cm ²	16,000

Impact Properties

Izod Impact Strength (notched, 23°C)	ASTM D256	kgf·cm/cm	7.0
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Thermal Properties

Heat Deflection Temperature (4.6kgf/cm ²)	ASTM D648	°C	110
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1. Physical Properties : these are not to be construed as specifications
2. ISO 9001, 14001, /TS 16949

* The last update date : 2022/09/21