

ASTM Property

Grade	H1500
Product	Polypropylene, Homopolymer

General Information

Key Features - Good stiffness and Heat resistance

Applications - Industrial/Household goods
- Home appliances and electronics

Item	Measuring Method	Unit	Value
Physical Properties			
Melt Flow Index (230°C, 2.16kg)	ASTM D1238	g/10min	12
Density	ASTM D792	g/cm ³	0.9
Mechanical Properties			
Tensile Stress (Yield)	ASTM D638	kgf/cm ²	350
Tensile Strain (Break)	ASTM D638	%	>100
Flexural Modulus	ASTM D790	kgf/cm ²	17,000
Impact Properties			
Izod Impact Strength (notched, 23°C)	ASTM D256	kgf·cm/cm	3.0
Thermal Properties			
Heat Deflection Temperature (4.6kgf/cm ²)	ASTM D648	°C	120
Additional Properties			
Flammability	UL94		HB

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

* The last update date : 2026/06/01