

ASTM Property

Grade	SJ-170T
Product	Polypropylene, Homopolymer

General Information

Key Features

- Good stiffness and Heat resistance
- Transparency

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	26
Density	ASTM D792	g/cm ³	0.9
Mechanical Properties			
Tensile Stress (Yield)	ASTM D638	kgf/cm ²	380
Tensile Strain (Break)	ASTM D638	%	<100
Flexural Modulus	ASTM D790	kgf/cm ²	19,000
Impact Properties			
Izod Impact Strength (notched, 23°C)	ASTM D256	kgf·cm/cm	2.5
Thermal Properties			
Heat Deflection Temperature (4.6kgf/cm ²)	ASTM D648	°C	120

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

* The last update date : 2026/06/01