

ASTM Property

Grade	JSS-175N
Product	Polypropylene, Homopolymer

General Information

Key Features

- Excellent thermal stability and stiffness
- Good flow properties

Applications

- Industrial/Household goods
- Parts for Automobile and Electronic
- Compound Base Resin

Item	Measuring Method	Unit	Value
Physical Properties			
Melt Flow Index (230°C, 2.16kg)	ASTM D1238	g/10min	45
Density	ASTM D792	g/cm ³	0.9
Mechanical Properties			
Tensile Stress (Yield)	ASTM D638	kgf/cm ²	410
Tensile Strain (Break)	ASTM D638	%	<100
Flexural Modulus	ASTM D790	kgf/cm ²	22,000
Impact Properties			
Izod Impact Strength (notched, 23°C)	ASTM D256	kgf·cm/cm	3.5
Thermal Properties			
Heat Deflection Temperature (4.6kgf/cm ²)	ASTM D648	°C	145

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

* The last update date : 2026/06/01