

DATASHEET

ASTM Property



Grade	JI-320
Product	Polypropylene, Impact Copolymer

General Information

Key Features

- Good the Balance of Stiffness and Impact resistance
- Heat resistance

Applications

- Industrial/Household goods
- Home appliances and electronics
- Automotive parts

Item	Measuring Method	Unit	Value
Physical Properties			
Melt Flow Index (230°C, 2.16kg)	ASTM D1238	g/10min	1.8
Density	ASTM D792	g/cm ³	0.9
Mechanical Properties			
Tensile Stress (Yield)	ASTM D638	kgf/cm ²	290
Tensile Strain (Break)	ASTM D638	%	≥100
Flexural Modulus	ASTM D790	kgf/cm ²	12,000
Impact Properties			
Izod Impact Strength (notched, 23°C)	ASTM D256	kgf·cm/cm	11
Izod Impact Strength (notched, -10°C)	ASTM D256	kgf·cm/cm	3.5
Thermal Properties			
Heat Deflection Temperature (4.6kgf/cm ²)	ASTM D648	°C	105
Additional Properties			
Flammability	UL94		HB

1. Physical Properties : these are not to be construed as specifications
2. ISO 9001, 14001, /TS 16949

* The last update date : 2022/09/21