

DATASHEET

ASTM Property



Grade	J-550N
Product	Polypropylene, Random Copolymer

General Information

Key Features

- Good Transparency, Gloss and Heat resistance
- Phthalate-free

Applications

- Cosmetic container
- Transparent Food container

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	340
Tensile Strain (Break)	ASTM D638	%	>100
Flexural Modulus	ASTM D790	kgf/cm ²	13,000
Impact Properties			
Izod Impact Strength (notched, 23°C)	ASTM D256	kgf·cm/cm	5.0
Izod Impact Strength (notched, -10°C)	ASTM D256	kgf·cm/cm	3.0
Thermal Properties			
Heat Deflection Temperature (4.6kgf/cm ²)	ASTM D648	°C	105
Additional Properties			
Haze (2mmT)	ASTM D1003	%	27

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

* The last update date : 2022/09/21