

DATASHEET

ASTM Property



Grade	J-590K
Product	Polypropylene, Random Copolymer

General Information

Key Features

- Good Transparency and Gloss
- Phthalate-free
- High Flow

Applications

- Household goods
- Transparent Food & Cosmetic container

Item	Measuring Method	Unit	Value
Physical Properties			
Melt Flow Index (230°C, 2.16kg)	ASTM D1238	g/10min	44
Density	ASTM D792	g/cm ³	0.9
Mechanical Properties			
Tensile Stress (Yield)	ASTM D638	kgf/cm ²	280
Tensile Strain (Break)	ASTM D638	%	>100
Flexural Modulus	ASTM D790	kgf/cm ²	11,500
Impact Properties			
Izod Impact Strength (notched, 23°C)	ASTM D256	kgf·cm/cm	4.0
Izod Impact Strength (notched, -10°C)	ASTM D256	kgf·cm/cm	2.5
Thermal Properties			
Heat Deflection Temperature (4.6kgf/cm ²)	ASTM D648	°C	95
Additional Properties			
Haze (2mmT)	ASTM D1003	%	20

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

* The last update date : 2022/09/21