

DATASHEET

ASTM Property



Grade	L-670M
Product	Polypropylene, Random Copolymer

General Information

Key Features

- Extrusion coating application (BOPP film)
- High speed processability, Low neck-in, Low heat seal temperature, Good bonding strength

Applications

- Noodle & Snack packaging

Item	Measuring Method	Unit	Value
Physical Properties			
Melt Flow Index (230°C, 2.16kg)	ASTM D1238	g/10min	28
Density	ASTM D792	g/cm ³	0.9
Mechanical Properties			
Tensile Stress (Yield)	ASTM D638	kgf/cm ²	230
Tensile Strain (Break)	ASTM D638	%	≥500
Flexural Modulus	ASTM D790	kgf/cm ²	8,500
Rockwell Hardness	ASTM D785	R	80
Impact Properties			
Izod Impact Strength (notched, 23°C)	ASTM D256	kgf·cm/cm	5.0
Thermal Properties			
Melting Temperature	LC Method	°C	144
Heat Deflection Temperature (4.6kgf/cm ²)	ASTM D648	°C	85
VICAT Softening Temperature	ASTM D1525	°C	128

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

* The last update date : 2022/11/18