

ASTM Property

Grade	L-270A
Product	Polypropylene, Homopolymer

General Information

Key Features

- Extrusion coating application (Woven bag & Kraft paper)
- High speed processability, Low neck-in, Good adhesive property to paper, Moisture/oil permeation resistance

Applications

- Resin products, Fish, Steel tube, Pet foods packaging

Item	Measuring Method	Unit	Value
Physical Properties			
Melt Flow Index (230°C, 2.16kg)	ASTM D1238	g/10min	26
Density	ASTM D792	g/cm ³	0.9
Mechanical Properties			
Tensile Stress (Yield)	ASTM D638	kgf/cm ²	290
Tensile Strain (Break)	ASTM D638	%	≥500
Flexural Modulus	ASTM D790	kgf/cm ²	13,000
Rockwell Hardness	ASTM D785	R	90
Impact Properties			
Izod Impact Strength (23°C)	ASTM D256	kgf·cm/cm	3.7
Thermal Properties			
Melting Temperature	LDP Method	°C	162
Heat Deflection Temperature (4.6kgf/cm ²)	ASTM D648	°C	105
VICAT Softening Temperature	ASTM D1525	°C	149

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

* The last update date : 2026/06/01