

ASTM Property

Grade	H4540
Product	Polypropylene, Homopolymer

General Information

Key Features	<ul style="list-style-type: none"> - High slipperiness product - Excellent processibility and film opening property - Containing slip and anti-blocking agent
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Applications	- Clothes packaging, food packaging
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Item	Measuring Method	Unit	Value
Physical Properties			
Melt Flow Index (230°C, 2.16kg)	ASTM D1238	g/10min	12.0
Density	ASTM D792	g/cm ³	0.9
Mechanical Properties			
Tensile Stress (Yield)	ASTM D638	kgf/cm ²	350
Tensile Strain (Break)	ASTM D638	%	>500
Flexural Modulus	ASTM D790	kgf/cm ²	16,000
Rockwell Hardness	ASTM D785	R	100
Impact Properties			
Izod Impact Strength (23°C)	ASTM D256	kgf·cm/cm	2.5
Thermal Properties			
Melting Temperature	LDP Method	°C	162
Heat Deflection Temperature (4.6kgf/cm ²)	ASTM D648	°C	104

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

2. Measured on 30μm mono-layer CPP film

* The last update date : 2026/06/01