



<b>Grade</b>	H4540
<b>Product</b>	Polypropylene, Homopolymer

#### General Information

Key Features	<ul style="list-style-type: none"> <li>- High slipperiness product</li> <li>- Excellent processibility and film opening property</li> <li>- Containing slip and anti-blocking agent</li> </ul>
--------------	--

Applications	Clothes packaging, food packaging
--------------	-----------------------------------

Item	Measuring Method	Unit	Value
<b>Physical Properties</b>			
Melt Flow Index (230°C, 2.16kg)	ASTM D1238	g/10min	12.0
Density	ASTM D792	g/cm <sup>3</sup>	0.9
<b>Mechanical Properties</b>			
Tensile Stress (Yield)	ASTM D638	kgf/cm <sup>2</sup>	350
Tensile Strain (Break)	ASTM D638	%	>500
Flexural Modulus	ASTM D790	kgf/cm <sup>2</sup>	16000
Rockwell Hardness	ASTM D785	R	100
<b>Impact Properties</b>			
Izod Impact Strength (notched, 23°C)	ASTM D256	kgf·cm/cm	2.5
<b>Thermal Properties</b>			
Melting Temperature	LC Method	°C	162
Heat Deflection Temperature (4.6kgf/cm <sup>2</sup> )	ASTM D648	°C	104

1. Physical Properties : these are not to be construed as specifications
2. Measured on 30 $\mu$ m mono-layer CPP film made of LOTTE CHEMICAL's cast film grade
3. ISO 9001, 14001, /TS 16949

\* The last update date : 2022/09/21