



<b>Grade</b>	FI-150
<b>Product</b>	Homo PP

### General Information

**Key Features** FI-150 is the polypropylene homopolymer manufactured by the Spheripol process. This grade is designed to potential end use applications include high slip

**Applications** Clothes packaging, food packaging

Item	Measuring Method	Unit	Value
<b>Physical</b>			
Melt Flow Index	ASTM D1238	g/10min	11.0
Density	ASTM D792	g/cm <sup>3</sup>	0.9
<b>Mechanical</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>	16,000
<b>Impact</b>			
Notched Izod Impact Strength (23°C)	ASTM D256	kgf·cm/cm	3
Rockwell Hardness	ASTM D785	R	100
<b>Thermal</b>			
Melting Point	LC Method	°C	162
Heat Deflection Temperature (4.6kgf/cm <sup>2</sup> )	ASTM D648	°C	104
<b>Film Properties</b>			
Haze	ASTM D1003	%	<2.5

1. Physical Properties : these are not to be construed as specifications
2. Measured on 30 $\mu$ m film made of FI-150

\* The last update date : 2021/10/01