

# Product Data

## TITANPRO L-670M FOR EXTRUSION COATING

<b>CHARACTER</b>	<p>Polypropylene random copolymer.</p> <p>Titanpro L-670M is created for extrusion coating on BOPP films which complies with the U.S. Food and Drug Administration (FDA) regulation as specified in 21 CFR 177.1520(a)(3)(i) and (c)3.1a.</p> <p>TSCA Registry: CAS# 9010-79-1</p>
<b>APPLICATIONS</b>	<p>Heat sealable layer.</p> <p>Quality packaging application.</p>
<b>ADVANTAGES</b>	<p>Low heat sealing temperature.</p> <p>Good bond strength.</p> <p>Excellent gloss and clarity.</p> <p>Good processability.</p>
<b>FABRICATION</b>	<p>Equipment - general extrusion coating line.</p> <p>Techniques - standard processing.</p>

<u>TYPICAL RESIN PROPERTIES</u> <sup>(a)</sup>	<u>UNIT</u>	<u>L-670M</u>	<u>ASTM METHOD</u> <sup>(b)</sup>
Melt Flow Rate, at 230°C	g/10 min	<b>28</b>	D1238
Density	g/cm <sup>3</sup>	<b>0.9</b>	D1505
Tensile Strength at Yield	kg/cm <sup>2</sup>	<b>200</b>	D638
Elongation at Yield	%	<b>12</b>	D638
Flexural Modulus	kg/cm <sup>2</sup>	<b>8000</b>	D790B
Notched Izod Impact Strength at 23°C	kg·cm/cm	<b>5</b>	D256A
Heat Deflection Temperature at 4.6 kg/cm <sup>2</sup>	°C	<b>70</b>	D648
Rockwell Hardness	R scale	<b>65</b>	D785A
Water absorption after 24 hours	%	<b>0.02</b>	D570

(a) Values shown are average and are not to be considered as specifications.

(b) ASTM test methods are latest under the Society's current procedures.

Shrinkage : 1.3 - 1.4% depending on the product wall thickness and molding parameters.

LOTTE CHEMICAL TITAN (M) SDN. BHD.

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