

Product Data

TITANPRO PM430 FOR METALLISABLE CAST FILM

CHARACTER	<p>Polypropylene homopolymer.</p> <p>Titanpro PM430 is designed without any slip agents nor antiblocking agents which complies with the U.S. Food and Drug Administration (FDA) regulation as specified in 21 CFR 177.1520(a)(1)(i) and (c)1.1a.</p> <p>TSCA Registry: CAS# 9003-07-0</p>
APPLICATIONS	<p>Metallised cast film.</p> <p>Food packaging.</p> <p>Non food packaging for garment, stationery, photo albums, flowers, etc.</p>
ADVANTAGES	<p>Good processability.</p> <p>Excellent gloss and clarity.</p> <p>Excellent stiffness.</p> <p>Good aluminium adhesion.</p>
FABRICATION	<p>Equipment - general cast film machines.</p> <p>Techniques - standard processing.</p>

<u>TYPICAL RESIN PROPERTIES</u> ^(a)	<u>UNIT</u>	<u>PM430</u>	<u>ASTM METHOD</u> ^(b)
Melt Flow Rate, at 230°C	g/10 min	7	D1238
Density	g/cm ³	0.9	D1505
Tensile Strength at Yield	kg/cm ²	390	D638
Elongation at Yield	%	12	D638
Flexural Modulus	kg/cm ²	19000	D790B
Notched Izod Impact Strength at 23°C	kg·cm/cm	4.4	D256A
Heat Deflection Temperature at 4.6 kg/cm ²	°C	97	D648
Rockwell Hardness	R scale	98	D785A
Water absorption after 24 hours	%	0.02	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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