



Product Data

TITANPRO PM430 FOR METALLISABLE CAST FILM

CHARACTER	Polypropylene homopolymer. 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. TSCA Registry: CAS# 9003-07-0
APPLICATIONS	Metallised cast film. Food packaging. Non food packaging for garment, stationery, photo albums, flowers, etc.
ADVANTAGES	Good processability. Excellent gloss and clarity. Excellent stiffness. Good aluminium adhesion.
FABRICATION	Equipment - general cast film machines. Techniques - standard processing.

<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.

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