



Product Data

TITANPRO JM-370K FOR INJECTION MOLDING

CHARACTER	Polypropylene impact copolymer. Titanpro JM-370K is a high flow material 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. TSCA Registry: CAS# 9010-79-1
APPLICATIONS	Huge home appliances case and cover, washing machine tub, automotive parts, housewares, large flat trays, thin walled articles, base resin for compounding, furniture.
ADVANTAGES	Easy processability, permitting wider latitude in design. Good balance of strength and impact resistance. Good toughness at low temperature. Good surface finish and color. Improvement in mold release and anti-static. Low molded in stresses.
FABRICATION	Equipment - ram or screw injection machines. Techniques - standard processing.

TYPICAL RESIN PROPERTIES ^(a)	UNIT	JM-370K	ASTM METHOD ^(b)
Melt Flow Rate, at 230°C	g/10 min	30	D1238
Density	g/cm ³	0.90	D1505
Tensile Strength at Yield	kg/cm ²	230	D638
Elongation at Yield	%	6	D638
Flexural Modulus	kg/cm ²	11200	D790B
Notched Izod Impact Strength at 23°C	kg·cm/cm	8	D256A
Heat Deflection Temperature at 4.6 kg/cm ²	°C	85	D648
Rockwell Hardness	R scale	85	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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LOTTE CHEMICAL TITAN (M) SDN. BHD. (Registration no. 198601005832 (154990-W))
Plant Location : PLO 312, Jalan Tembaga 4, Pasir Gudang Industrial Estate, 81700 Pasir Gudang, Johor Bahru, Malaysia.
T: +607. 253 8888 W: WWW.LOTTECHEM.MY

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