



TITAN PETCHEM (M) SDN. BHD.

(Co. No. 154990 W)

(Formerly known as Titan PP Polymers (M) Sdn. Bhd.)

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Product Data

TITANPRO SM669 FOR INJECTION MOLDING

CHARACTER Polypropylene random copolymer.
Titanpro SM669 is a clarified grade designed for high transparency articles.

APPLICATIONS DVD casing, high transparent thin walled containers, storage containers.

ADVANTAGES Excellent clarity.
Good balance of rigidity and impact resistance.
Good dimensional stability.

FABRICATION Equipment - injection molding machine.
Techniques - standard processing.

<u>TYPICAL RESIN PROPERTIES</u> ^(a)	<u>UNIT</u>	<u>TITANPRO SM669</u>	<u>ASTM METHOD</u> ^(b)
Melt Flow Rate, at 230°C	g/10 min	30	D1238
Density	g/cm ³	0.9	D1505
Tensile Strength at Yield	kg/cm ²	300	D638
Elongation at Yield	%	10	D638
Flexural Modulus	kg/cm ²	13000	D790B
Notched Izod Impact Strength at 23°C	kg.cm/cm	6	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 averages and are not to be considered as specifications.

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

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