

Product Data

TITANPRO 6431

FOR GENERAL PURPOSE INJECTION MOLDING AND EXTRUSION

- CHARACTER** Polypropylene homopolymer.
 Titanpro 6431 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** Appliances, housewares, toys, closures, containers, furniture.
- ADVANTAGES** Good stiffness.
- FABRICATION** Equipment - general extrusion.
 Techniques - standard processing

<u>TYPICAL RESIN PROPERTIES</u> ^(a)	<u>UNIT</u>	<u>6431</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	360	D638
Elongation at Yield	%	8	D638
Flexural Modulus	kg/cm ²	17000	D790B
Notched Izod Impact Strength at 23°C	kg·cm/cm	3	D256A
Heat Deflection Temperature at 4.6 kg/cm ²	°C	90	D648
Rockwell Hardness	R scale	93	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.

Titanex® • Titanlene® • Titanzex® • Titanpro® • Titanvene®

塑料专家 www.ponci.com.cn/wxb/ +13538586433 +18816996168

