

**TITANPRO® 6431**

PP

Lotte Chemical Titan (M) Sdn. Bhd.

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Melt Flow Index, MFI	<b>7</b>	g/10min	ASTM D 1238
Temperature	<b>230</b>	°C	-
<b>Mechanical properties</b>			
<b>ASTM Data</b>			
Tensile Strength at Yield	<b>35.3</b>	MPa	ASTM D 638
Elongation at Yield	<b>8</b>	%	ASTM D 638
Flexural Modulus	<b>1668</b>	MPa	ASTM D 790
Rockwell Hardness	<b>R 93</b>	-	ASTM D 785
Izod Impact notched, 1/8 in	<b>28.2</b>	J/m	ASTM D 256
<b>Thermal properties</b>			
<b>ASTM Data</b>			
DTUL @ 66 psi	<b>90</b>	°C	ASTM D 648
<b>Other properties</b>			
Water Absorption, 24hr	<b>0.02</b>	%	ASTM D 570
Density	<b>900</b>	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Processing**

Injection Molding, Other Extrusion

**Features**

Homopolymer

**Certifications**

Food contact, Food approval FDA 21 CFR

**Applications**

General Purpose, Toys

**Regional Availability**

Asia Pacific