

TITANPRO® 6331

PP

Lotte Chemical Titan (M) Sdn. Bhd.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	14	g/10min	ASTM D 1238
Temperature	230	°C	-

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	35.3	MPa	ASTM D 638
Elongation at Yield	10	%	ASTM D 638
Flexural Modulus	1717	MPa	ASTM D 790
Rockwell Hardness	R 97	-	ASTM D 785
Izod Impact notched, 1/8 in	24.5	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 66 psi	99	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Water Absorption, 24hr	0.02	%	ASTM D 570
Density	900	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Features

Homopolymer

Certifications

Food contact, Food approval FDA 21 CFR

Applications

General Purpose, Medical, Toys

Regional Availability

Asia Pacific