

TITANPRO® PM803

PP

Lotte Chemical Titan (M) Sdn. Bhd.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	50	g/10min	ASTM D 1238
Temperature	230	°C	-
Mechanical properties			
ASTM Data			
Tensile Strength at Yield	34.3	MPa	ASTM D 638
Elongation at Yield	10	%	ASTM D 638
Flexural Modulus	1766	MPa	ASTM D 790
Rockwell Hardness	R 108	-	ASTM D 785
Izod Impact notched, 1/8 in	18.8	J/m	ASTM D 256
Thermal properties			
ASTM Data			
DTUL @ 66 psi	120	°C	ASTM D 648
Other properties			
Water Absorption, 24hr	0.02	%	ASTM D 570
Density	900	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Special Characteristics

Transparent

Features

Low Warpage, Homopolymer

Certifications

Food contact, Food approval FDA 21 CFR

Regional Availability

Asia Pacific