

**TITANPRO® SM850**

PP

Lotte Chemical Titan (M) Sdn. Bhd.

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Melt Flow Index, MFI	45	g/10min	ASTM D 1238
Temperature	230	°C	-
<b>Mechanical properties</b>			
<b>ASTM Data</b>			
Tensile Strength at Yield	25.5	MPa	ASTM D 638
Elongation at Yield	10	%	ASTM D 638
Flexural Modulus	1471	MPa	ASTM D 790
Rockwell Hardness	R 80	-	ASTM D 785
Izod Impact notched, 1/8 in	66	J/m	ASTM D 256
<b>Thermal properties</b>			
<b>ASTM Data</b>			
DTUL @ 66 psi	100	°C	ASTM D 648
<b>Other properties</b>			
Water Absorption, 24hr	0.02	%	ASTM D 570
Density	900	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Processing**

Injection Molding

**Special Characteristics**

Heat stabilized or stable to heat

**Features**

Nucleated, Copolymer, Impact Copolymer

**Certifications**

Food contact, Food approval FDA 21 CFR

**Applications**

Automotive

**Regional Availability**

Asia Pacific