

TITANPRO® SM461

PP

Lotte Chemical Titan (M) Sdn. Bhd.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	7	g/10min	ASTM D 1238
Temperature	230	°C	-
Mechanical properties			
ASTM Data			
Tensile Strength at Yield	25.5	MPa	ASTM D 638
Elongation at Yield	12	%	ASTM D 638
Flexural Modulus	932	MPa	ASTM D 790
Rockwell Hardness	R 67	-	ASTM D 785
Izod Impact notched, 1/8 in	47.1	J/m	ASTM D 256
Thermal properties			
ASTM Data			
DTUL @ 66 psi	70	°C	ASTM D 648
Other properties			
Water Absorption, 24hr	0.02	%	ASTM D 570
Density	900	kg/m ³	ASTM D 792

Characteristics**Processing**

Film Extrusion

Additives

Antiblocking agent

Special Characteristics

High impact or impact modified, Transparent

Features

Heat Sealable, High Gloss, Copolymer, Random Copolymer

Certifications

Food contact, Food approval FDA 21 CFR

Applications

Packaging

Regional Availability

Asia Pacific