

Technical Datasheet PP cast film-SM461

- 1) **Product Description:** SM461 is a polypropylene random copolymer. Titanpro SM461 is formulated with an antiblocking and slip agents package. The base resin meets the requirements of the U.S. Food and Drug Administration as specified in 21 CFR 177.1520(a)(3)(i) and (c)3.1a.
- 2) **Applications:**
Heat sealable monolayer film.
Heat sealable layer in laminated or coextruded structures.
Quality packaging application
- 3) **Typical data:**

PROPERTY	TEST METHOD	UNIT	TYPICAL VALUE*
Melt Flow Rate,at 230 °C	ASTM D 1238	g/10min	7
Density	ASTM D 1505	g/cm ³	0.9
Tensile Strength at Yield	ASTM D 638	kg/cm ²	260
Elongation at Yield	ASTM D 638	%	12
Flexural Modulus	ASTM D 790B	kg/cm ²	9500
Notched Izod Impact Strength at 23oC	ASTM D 256A	kg·cm/cm	5
Heat Deflection Temperature at 4.6 kg/cm ²	ASTM D 648	°C	70
Rockwell Hardness	ASTM D 785A	R scale	67
Water absorption after 24 hours	ASTM D 570	%	67

* Typical values not to be construed as specifications.