



Technical Datasheet: PP-Co SM461

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.

Applications:

- Heat sealable monolayer film
- Heat sealable layer in laminated or coextruded structures
- Quality packaging application

Typical data:

Property	Test method	Unit	value
Melt Flow Rate,at 230 °C	ASTM D 1238	gr/10min	7
Density	ASTM D 1505	g/cm ³	0.9
Tensile Strength at Yield	ASTM D 638	Kgf/cm ²	260
Elongation at Yield	ASTM D 638	%	12
Flexural Modulus	ASTM D 790B	Kgf/cm ²	9500
Notched Izod Impact Strength (23 °C)	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.