

Product Data

TITANPRO 6531M FOR SLIT TAPE & FIBER

CHARACTER	<p>Polypropylene homopolymer.</p> <p>The base resin meets the requirements of the U.S. Food and Drug Administration as specified in 21 CFR 177.1520(a)(1)(i) and (c)1.1a. The adjuvant meet their respective FDA regulations and 21 CFR 177.1520(b). In summary, this resin meets the FDA criteria covering safe use of polyolefin articles and component of articles intended for food contact use.</p> <p>TSCA Registry: CAS# 9003-07-0</p>
APPLICATIONS	Slit tape and monofilament for rope, twine, yarn and industrial fabrics.
ADVANTAGES	<p>Outstanding processability.</p> <p>Maximum bubble stability for slit tape production by the tubular process.</p> <p>Good melt stability.</p> <p>Low color.</p> <p>Low taste & odor.</p>
FABRICATION	<p>Equipment - general extrusion machines.</p> <p>Techniques - standard processing for tubular and flat die tapes.</p>

<u>TYPICAL RESIN PROPERTIES</u> ^(a)	<u>UNIT</u>	<u>TITANPRO 6531M</u>	<u>ASTM METHOD</u> ^(b)
Melt Flow Rate, at 230°C	g/10 min	3.5	D1238
Density	g/cm ³	0.9	D1505
Tensile Strength at Yield	kg/cm ²	360	D638
Elongation at Yield	%	10	D638
Flexural Modulus	kg/cm ²	17000	D790B
Notched Izod Impact Strength at 23°C	kg-cm/cm	5	D256A
Heat Deflection Temperature at 4.6 kg/cm ²	°C	86	D648
Rockwell Hardness	R scale	91	D785A
Water absorption after 24 hours	%	0.02	D570

(a) Values shown are average and are not to be considered as specifications.

(b) ASTM test methods are latest under the Society's current procedures.

Shrinkage : 1.3 - 1.4% depending on the product wall thickness and molding parameters.

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