TITANPRO® L-670M

Polypropylene Random Copolymer

Lotte Chemical Titan (M) Sdn. Bhd.

Message:

Titanpro L-670M is created for extrusion coating of BOPP films. 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. The adjuvants 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 intendd for food contact use. TSCA Registry: CAS# 9010-79-1

General Information			
Additive	Nucleating Agent		
Features	Food Contact Acceptable Good Processability High Clarity High Gloss Random Copolymer		
Uses	Packaging		
Agency Ratings	FDA 21 CFR 177.1520(a) 3 (i) FDA 21 CFR 177.1520(b) FDA 21 CFR 177.1520(c) 3.1a		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	0.900	g/cm³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	28	g/10 min	ASTM D1238
Molding Shrinkage - Flow	1.3 to 1.4	%	
Water Absorption (24 hr)	0.020	%	ASTM D570
Hardness	**Nominal Value**	**Unit**	**Test Method**
Rockwell Hardness (R-Scale)	65		ASTM D785
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength (Yield)	19.6	MPa	ASTM D638
Tensile Elongation (Yield)	12	%	ASTM D638
Flexural Modulus	785	MPa	ASTM D790B
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact (23°C)	49	J/m	ASTM D256A
Thermal	**Nominal Value**	**Unit**	**Test Method**
Deflection Temperature Under Load (0.45 MPa, Unannealed)	70.0	°C	ASTM D648

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China