

TITANPRO® SM398

Polypropylene Random Copolymer

Lotte Chemical Titan (M) Sdn. Bhd.

Message:

TITANPRO® SM398 is a Polypropylene Random Copolymer (PP Random Copolymer) material. It is available in Asia Pacific for injection molding.

Important attributes of TITANPRO® SM398 are:

- Clarity
- Copolymer
- Fast Molding Cycle
- Food Contact Acceptable
- Good Aesthetics
- Typical applications include:
 - Food Contact Applications
 - Business/Office Goods
 - Containers
 - Household Applications

General Information			
Features	Fast Molding Cycle		
	Food Contact Acceptable		
	Good Impact Resistance		
	Good Strength		
	Good Surface Finish		
	High Clarity		
	Low Blooming		
	Random Copolymer		
Uses	Containers		
	Household Goods		
	Stationary Supplies		
Agency Ratings	FDA 21 CFR 177.1520(a) 3 (i)		
	FDA 21 CFR 177.1520(b)		
	FDA 21 CFR 177.1520(c) 3.1a		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	11	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)	80		ASTM D785

Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	26.5	MPa	ASTM D638
Tensile Elongation (Yield)	14	%	ASTM D638
Flexural Modulus	1030	MPa	ASTM D790B
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	59	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	80.0	°C	ASTM D648
Additional Information	Nominal Value		
CAS Number	9010-79-1		

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

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

