

**FINE FINISH PROFICIENCY TESTING PROVIDER**

(A Division of Fine Finish Organics Pvt. Ltd.)

Doc No. :FFFTP-QF-PTSC-009-00

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**PT SCHEME CALENDAR**

PT Scheme No.	Field	PT Item	Parameters	Ref.Std.	Schedule
FFOPL-PT001	Mechanical	Polypropylene	Tensile Strength of Plastics	ASTM D 638/ISO 527/IS 13360	Year 2016
			Elongation of Plastics	ASTM D 638/ISO 527/IS 13360	Year 2016
			E-modulus of Plastics	ASTM D 638/ISO 527/IS 13360	Year 2016
			Density	ASTM D 792/ISO 1183/IS 13360	Year 2016
			Specific Gravity	ASTM D 792/ISO 1183/IS 13360	Year 2016
			Water absorption of plastics	ASTM D 570/ISO 62/IS 13360	Year 2017
			Heat Deflection Temperature	ASTM D 648/ISO 75 –Part 1 & 2/IS 13360	Year 2016
			Flexural Strength	ASTM D 790/ISO 178/IS 13360	Year 2016
			Flexural Modulus	ASTM D 790/ISO 178/IS 13360	Year 2016
			Flexural Strain	ASTM D 790/ISO 178/IS 13360	Year 2016
			Charpy Impact	ASTM D 6110/ISO 179 /IS 13360	Year 2016
			Izod Impact	ASTM D 256/ISO 180/IS 13360	Year 2016
			Haze Gloss	ASTM D 2457/IS 13360	Year 2017
			Vicat Softening Temperature	ASTM 1525 /ISO 306/IS 13360	Year 2017
			Rockwell Hardness	ASTM D 785/ISO 2039/IS 13360	Year 2017
Barcol Hardness	ASTM D 2583/EN 59/ IS 13360	Year 2017			
Melt flow index	ASTM D 1238-13/ISO 1133/IS 13360	Year 2017			
FFOPL-PT002	Chemical	Epoxy Resin	Viscosity by Brookfield viscometer	ASTM D 2196/IS 13360	Year 2016
			Epoxy Value	ASTM D 1652	Year 2016
			Easily Hydrolysable Chlorine Content	ASTM D 1726	Year 2016
			Specific Gravity (at 25 / 25°C)	IS 9162	Year 2016
			Viscosity by Falling Ball Viscometer	ISO 12058/IS 13360	Year 2016
			Moisture Content	IS:2362	Year 2016
FFOPL-PT003	Chemical	Epoxy Hardener	Amine Value	ISO 9702	Year 2017
			Specific Gravity (at 25 / 25°C)	IS 9162	Year 2017
			Moisture Content	IS:2362	Year 2017
FFOPL-PT004	Chemical	Air Drying paint	Non-Volatile Content	IS: 101 (Part2/Sec 2)	Year 2017
			Viscosity by Flow Cup	IS: 101 (Part1/Sec 5);IS 10026	Year 2017
			Density (at 27 ± 2°C)	IS: 101 (Part 1/Section7);IS 10026	Year 2017
FFOPL-PT004	Mechanical	Varnish	Bond Strength	IEC 61033	Year 2016
FFOPL-PT005	Mechanical	Acrylonitrile Butadiene Styrene	Tensile Strength of Plastics	ASTM D 638/ISO 527/IS 13360	Year 2017
			Elongation of Plastics	ASTM D 638/ISO 527/IS 13360	Year 2017
			E-modulus of Plastics	ASTM D 638/ISO 527/IS 13360	Year 2017
			Density	ASTM D 792/ISO 1183/IS 13360	Year 2017
			Specific Gravity	ASTM D 792/ISO 1183/IS 13360	Year 2017
			Water absorption of plastics	ASTM D 570/ISO 62/IS 13360	Year 2017
			Heat Deflection Temperature	ASTM D 648/ISO 75 –Part 1 & 2/IS 13360	Year 2017
			Flexural Strength	ASTM D 790/ISO 178/IS 13360	Year 2017
Flexural Modulus	ASTM D 790/ISO 178/IS 13360	Year 2017			

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PT Scheme No.	Field	PT Item	Parameters	Ref.Std.	Schedule
FFOPL-PT005	Mechanical	Acrylonitrile Butadiene Styrene	Flexural Strain	ASTM D 790/ISO 178/IS 13360	Year 2017
			Charpy Impact	ASTM D 6110/ISO 179 /IS 13360	Year 2017
			Izod Impact	ASTM D 256/ISO 180/IS 13360	Year 2017
			Haze Gloss	ASTM D 2457/IS 13360	Year 2017
			Vicat Softening Temperature	ASTM 1525 /ISO 306/IS 13360	Year 2017
			Rockwell Hardness	ASTM D 785/ISO 2039/IS 13360	Year 2017
			Barcol Hardness	ASTM D 2583/EN 59/ IS 13360	Year 2017
			Melt flow index	ASTM D 1238-13/ISO 1133/IS 13360	Year 2017
FFOPL-PT006	Mechanical	Composite (G11 - Glass Epoxy Sheet)	Water absorption of composites	ASTM D 5229	Year 2017
			Ultimate Tensile Strength	ASTM D 638/ISO 527/IS 13360ASTM D 3039	Year 2017
			% Elongation	ASTM D 638/ISO 527/IS 13360ASTM D 3039	Year 2017
			Tensile Modulus	ASTM D 638/ISO 527/IS 13360ASTM D 3039	Year 2017
			Short Beam Strength	ASTM D 2344/ISO 14130	Year 2017
			Mid Span Deflection	ASTM D 790	Year 2017
			Flexural Strength	ISO 14125	Year 2017
			Flexural Modulus	ISO 14125	Year 2017
			Flexural Strain	ISO 14125	Year 2017
			Compressive Strength	ASTM D 3410/ASTM D 695/ISO 14126/IS 13360	Year 2017
			Compressive Modulus	ASTM D 3410/ASTM D 695/ISO 14126/IS 13360	Year 2017
			Constituent Content (Resin and fibre)	ASTM D 3171/EN 2564/ISO 1172	Year 2017
FFOPL-PT007	Mechanical	Adhesive coated strips	Tensile Lap shear strength	ASTM D1002 -10	Year 2017
			Lap Shear Strength - Fiber reinforced bonding	ASTM D 5868-2008	Year 2017
			Lap Shear Strength - rigid to rigid bonding	ISO 4587-2003	Year 2017
			Peel Strength	ISO 11339-2010	Year 2017
FFOPL-PT008	Mechanical	Rubber Vulcanized	Tensile strength	ASTM D 412-06a(2013)	Year 2017
			% elongation at break	ASTM D 412-06a(2013)	Year 2017
			Shore A hardness	ASTM D 2240/ISO 868/IS 13360	Year 2017
			Density - Rubber, Vulcanized	ISO 2781:1988 / IS 3400(Part9) :2003	Year 2016
			Compression set	ASTM D 395/IS 3400	Year 2017
FFOPL-PT009	Mechanical	Polypropylene	Shore D hardness	ASTM D 2240/ISO 868/IS 13360	Year 2016
FFOPL-PT010	Chemical	Varnish	Non-Volatile Content	IS 10026	Year 2017
			Viscosity by Flow Cup	IS 10026	Year 2017
			Density (at 27 ± 2°C)	IS 10026	Year 2017
FFOPL-PT011	Chemical	Cured pieces of (resin and hardener) mix	Glass Transition Temperature (Tg)	ASTM E 1356/ASTM D 3418/ISO 11357	Year 2016
			Specific Heat	ASTM E 1952	Year 2016
			Enthalpy of Polymerization	ASTM E 2160	Year 2016

NOTE : Please note that if interested in any of the parameter in mechanical and chemical field, can contact PT -Coordinator

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