National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	QA/QC LAB. POLYESTER, RELIANCE INDUSTRIES LIMITED (HAZIRA MANUFACTURING DIVISION), SURAT-HAZIRA ROAD,VILLAGE-MORA, P.O.-BHATHA, SURAT, GUJARAT, INDIA
Accreditation Standard	ISO/IEC 17025:2017
Certificate Number	TC-6981
Page No	1 of 2
Validity	26/03/2022 to 25/03/2024
Last Amended on	30/03/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	CHEMICAL- PLASTIC & RESINS	Polyester PET chips & POY	Di-Ethylene Glycol (DEG)	QAF PCL 3.403
2	CHEMICAL- PLASTIC & RESINS	Polyester PET chips & POY	Intrinsic Viscosity	ASTM D4603
3	CHEMICAL- PLASTIC & RESINS	Polyester PET chips & POY	IPA (Iso-Phathalic Acid)	QAF PCL 3.419 (Ref: IS16481 ANNEX-C)
4	CHEMICAL- PLASTIC & RESINS	Polyester PET chips & POY	TiO2 (Titanium Dioxide)	QAF PCL 3.426
5	CHEMICAL- PLASTIC & RESINS	Polyester PET chips & POY	Acetaldehyde	ASTM F2013
6	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyester PET chips	Color determination of pellets(PET Resin) L* color	ASTM D 6290
7	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyester PET chips & POY	Colour determination of plastic pellet (Fibre grade) : b Colour	ASTM D 6290
8	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyester PET chips & POY	Colour determination of plastic pellet-(PET resin) b* Colour	ASTM D 6290
9	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyester PET chips & POY	Colour determination of plastic pellet (Fibre grade) : L Colour	ASTM D 6290
10	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyester PET chips & POY	Density of Plastics by density gradient technique Method-C - Density and % Crystallinity	ASTM D1505
11	MECHANICAL- TEXTILE MATERIALS	Partially Oriented Yarn (POY)	Extension force of POY-Draw Tension	ASTM D 5344
12	MECHANICAL- TEXTILE MATERIALS	Partially Oriented Yarn (POY)	Yarn Number using Automated Tester-Denier	ASTM D 6612
13	MECHANICAL- TEXTILE MATERIALS	Polyester Fiber Fill (PFF)	Crimp per Centimeter	QAF PSF 3.209
14	MECHANICAL- TEXTILE MATERIALS	Polyester Fiber Fill (PFF)	Tensile properties of single Textile Fibers - Elongation	ASTM D 3822/D3822M
15	MECHANICAL- TEXTILE MATERIALS	Polyester Fiber Fill(PFF)	Linear density of textile fiber - denier	ASTM D1577
16	MECHANICAL- TEXTILE MATERIALS	Polyester Fibre Fill (PFF)	Tensile properties of single Textile Fibers - Tenacity	ASTM D 3822/D3822M
17	MECHANICAL- TEXTILE MATERIALS	Polyester Partially Oriented Yarn (POY)	Tensile property of yarn by single strand method-Elongation	ASTM D 2256/D2256M

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18	MECHANICAL- TEXTILE MATERIALS	Polyester Partially Oriented Yarn (POY)	Evenness of Textile strands by Capacitance testing method-U%	ASTM D 1425/D1425M
19	MECHANICAL- TEXTILE MATERIALS	Polyester Partially Oriented Yarn (POY)	Finish on the Yarn	QAF PTL 3.210
20	MECHANICAL- TEXTILE MATERIALS	Polyester Partially Oriented Yarn (POY)	Tensile property of yarn by single strand method- Tenacity	ASTM D 2256/D2256M
21	MECHANICAL- TEXTILE MATERIALS	Polyester Staple Fiber (PSF)	Tensile Properties of Single Textile Fibers- Tenacity	ASTM D 3822/D3822M
22	MECHANICAL- TEXTILE MATERIALS	Polyester Staple Fiber (PSF)	Crimp per Centimetre	QAF PSF 3.209
23	MECHANICAL- TEXTILE MATERIALS	Polyester Staple Fiber(PSF)	Dry Heat Shrinkage	QAF PSF 3.210
24	MECHANICAL- TEXTILE MATERIALS	Polyester Staple Fiber(PSF)	Linear Density of Textile Fibers-Denier	ASTM D1577
25	MECHANICAL- TEXTILE MATERIALS	Polyester Staple Fiber(PSF)	Tensile Properties of Single Textile Fibers-Elongation	ASTM D 3822/D3822M
26	MECHANICAL- TEXTILE MATERIALS	Polyster Staple Fiber(PSF)	Tensile Properties of Single Textile Fibers -T-10(Tenacity at 10% Elongation)	ASTM D 3822/D3822M