National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : KONKAN SPECIALITY POLY PRODUCTS PVT LTD - SCIENTIFIC SERVICES GROUP, PLOT NO 37, KIADB INDUSTRIAL AREA, BAIKAMPADY, MANGALURU, DAKSHIN KANNAD, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 16/04/2023 to 15/04/2025 **Last Amended on** -

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	Plastic & plastic products	OIT of polyolefin's by DSC	ASTM D 3895
2	CHEMICAL- PLASTIC & RESINS	Plastic & plastic products, films, swatches & containers.	Barium - Ba	GM-38 01 JULY16 (FSSAI 2019)
3	CHEMICAL- PLASTIC & RESINS	Plastic & plastic products, films, swatches & containers.	Cobalt - Co	GM-38 01 JULY16 (FSSAI 2019)
4	CHEMICAL- PLASTIC & RESINS	Plastic & plastic products, films, swatches & containers.	Copper-Cu	GM-38 01 JULY16 (FSSAI 2019)
5	CHEMICAL- PLASTIC & RESINS	Plastic & plastic products, films, swatches & containers.	Ferrous-Fe	GM-38 01 JULY16 (FSSAI 2019)
6	CHEMICAL- PLASTIC & RESINS	Plastic & plastic products, films, swatches & containers.	Lithium- Li	GM-38 01 JULY16 (FSSAI 2019)
7	CHEMICAL- PLASTIC & RESINS	Plastic & plastic products, films, swatches & containers.	Manganese- Mn	GM-38 01 JULY16 (FSSAI 2019)
8	CHEMICAL- PLASTIC & RESINS	Plastic & plastic products, films, swatches & containers.	Overall Migration	IS-9845
9	CHEMICAL- PLASTIC & RESINS	Plastic & plastic products, films, swatches & containers.	Zinc- Zn	GM-38 01 JULY16 (FSSAI 2019)
10	CHEMICAL- PLASTIC & RESINS	Plastic, plastic products & raw materials	Compositional Analysis by TGA) - Low volatile content	ASTM E1131
11	CHEMICAL- PLASTIC & RESINS	Plastic, plastic products & raw materials	Compositional Analysis by Thermogravimetry (TGA) - Ash content	ASTM E 1131
12	CHEMICAL- PLASTIC & RESINS	Plastic, plastic products & raw materials	Compositional Analysis by Thermogravimetry (TGA) - Carbon Black / Combustible matter	ASTM E 1131
13	CHEMICAL- PLASTIC & RESINS	Plastic, plastic products & raw materials	Compositional Analysis by Thermogravimetry (TGA) - Total Polymer content	ASTM E 1131
14	CHEMICAL- PLASTIC & RESINS	Plastic, plastic products & raw materials	Differential Scanning Calorimetry - Crystallization Temperature	ASTM D 3418
15	CHEMICAL- PLASTIC & RESINS	Plastic, plastic products & raw materials	Differential Scanning Calorimetry - Glass Transition Temperature	ASTM D 3418
16	CHEMICAL- PLASTIC & RESINS	Plastic, plastic products & raw materials	Differential Scanning Calorimetry - Melting Peak Temperature	ASTM D 3418

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17	CHEMICAL- PLASTIC & RESINS	Plastic, plastic products & raw materials	Material Identification by Infrared spectroscopy	ASTM E1252
18	CHEMICAL- PLASTIC & RESINS	Polyethylene, polypropylene, polyvinyl chloride , polymethyl methacrylate, polyamides, and polystyrene.	Fluorescent UV Exposure for Photodegradable Plastics	ASTM D 5208
19	CHEMICAL- PLASTIC & RESINS	Styrenes, Polyolefins, Vinyls, Cellulosics, Polyseter, Polyamide, acrylics, Polycarbonates, Acetals, polysulphones, Imides & Fluoropolymers	Fluorescent UV Exposure of Plastics	ASTM D 4329
20	CHEMICAL- PLASTIC & RESINS	Styrenes, Polyolefins, Vinyls, Cellulosics, Polyseter, Polyamide, acrylics, Polycarbonates, Acetals, polysulphones, Imides & Fluoropolymers	Xenon Arc Exposure -intended for outdoor applications	ASTM D 2565
21	CHEMICAL- PLASTIC & RESINS	Styrenes, Polyolefins, Vinyls, Cellulosics, Polyseter, Polyamide, acrylics, Polycarbonates, Acetals, polysulphones, Imides & Fluoropolymers	Xenon Arc Light Apparatus for Exposure of Non-Metallic Materials	ASTM G155
22	CHEMICAL- PLASTIC & RESINS	Styrenes, Polyolefins, Vinyls, Cellulosics, Polyseter, Polyamide, acrylics, Polycarbonates, Acetals, polysulphones, Imides & Fluoropolymers	Xenon arc light Exposure	ASTM D 4459
23	CHEMICAL- PLASTIC & RESINS	Styrenes, Polyolefins, Vinyls, Cellulosics, Polyseter, Polyamide, acrylics, Polycarbonates, Acetals, polysulphones, Imides & Fluoropolymers	Xenon-Arc Accelerated Exposure of Automotive Interior Trim Components	SAE J2412
24	CHEMICAL- PLASTIC & RESINS	Styrenes, Polyolefins, Vinyls, Cellulosics, Polyseter, Polyamide, acrylics, Polycarbonates, Acetals, polysulphones, Imides & Fluoropolymers	Xenon-arc light exposure part-1 & 2	ISO 4892
25	CHEMICAL- PLASTIC & RESINS	Styrenes, Polyolefins, Vinyls, Cellulosics, Polyseter, Polyamide, acrylics, Polycarbonates, Acetals, polysulphones, Imides & Fluoropolymers	Xenon-arc light exposure part-1 & 3	ISO 4892
26	CHEMICAL- PLASTIC & RESINS	Styrenes, Polyolefins, Vinyls, Cellulosics, Polyseter, Polyamide, acrylics, Polycarbonates, Acetals, polysulphones, Imides & Fluoropolymers.	Fluorescent UV & condensation for exterior part of Automotive Materials	SAE J2020
27	CHEMICAL- PLASTIC & RESINS	Styrenes, Polyolefins, Vinyls, Cellulosics, Polyseter, Polyamide, acrylics, Polycarbonates, Acetals, polysulphones, Imides & Fluoropolymers.	Fluorescent UV Exposure for Non Metallic Materials	ASTM G 154
28	CHEMICAL- PLASTIC & RESINS	Styrenes, Polyolefins, Vinyls, Cellulosics, Polyseter, Polyamide, acrylics, Polycarbonates, Acetals, polysulphones, Imides & Fluoropolymers.	Xenon-Arc Accelerated exposure of automotives exterior components	SAE J2527
29	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Styrenes, Polyolefins, Polyseter, Polyamide, acrylics, Polycarbonates, Acetals & polysulphones,	Melt Flow Rate	ISO 1133-1
30	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Flexible intermediate bulk containers (FIBCs)	UV resistance test	ISO 21898
31	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High-strength thermosetting laminates and long-fibre-reinforced plastics	Heat Deflection temperature - Under Flexural Load in Flat wise Position	ISO 75-3

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32	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Molding and extrusion plastics	Tensile Properties a) Tensile Strength	ISO 527-2
33	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Molding and extrusion plastics	Tensile Properties b) Elongation	ISO 527-2
34	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Molding and extrusion plastics	Tensile Strength	ISO 527 - 2
35	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Films & sheets	Tensile Properties a) Tensile Strength	ASTM D 882
36	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Films & sheets	Tensile Properties b) Elongation	ASTM D 882
37	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Tensile Properties c) Tensile Modulus	ASTM D 638
38	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Elongation at break	ASTM D638
39	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Tensile Properties a) Tensile Strength	ASTM D 638
40	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Tensile Properties a) Tensile Strength	ISO 527-1
41	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Tensile Properties b) Elongation	ASTM D 638
42	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Tensile Properties b) Elongation	ISO 527-1
43	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Tensile Strength	ASTM D638
44	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials, plastics products & composite materials	Heat Deflection temperature - Under Flexural Load in Flat wise Position	ISO 75-1
45	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials, plastics products & composite materials	Heat Deflection temperature - Under Flexural Load in Flat wise Position	ISO 75-2
46	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic sheets & components	Vicat Softening Temperature	ASTM D 1525
47	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic sheets & components	Vicat Softening Temperature	ISO 306
48	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic, molded components, sheets & fibre reinforced plastic products	Charpy Impact Resistance - Unnotched	ISO 179-1eU
49	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic, molded components, sheets & fibre reinforced plastic products	Charpy Impact Resistance of Plastics - Notched-Type A	ISO 179-1eA

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50	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic, molded components, sheets & fibre reinforced plastic products	Deflection temperature- Under Flexural Load in Edgewise Position	ASTM D 648
51	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic, molded components, sheets & fibre reinforced plastic products	Flammability - Horizontal Burning	ASTM D 635
52	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic, molded components, sheets & fibre reinforced plastic products	Izod Impact Resistance - Unnotched	ASTM D 4812
53	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic, molded components, sheets & fibre reinforced plastic products	Izod Impact Resistance - Unnotched	ISO 180eU
54	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic, molded components, sheets & fibre reinforced plastic products	Izod Impact Resistance - Notched	ASTM D 256
55	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic, molded components, sheets & fibre reinforced plastic products	Izod Impact Resistance - Notched	ISO 180e A
56	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic, molded components, sheets & fibre reinforced plastic products,Unreinforced and Reinforced Plastics, Electrical Insulating Materials, extruded sheets or plates,	Flexural Properties a) Flexural Strength	ASTM D 790
57	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic, molded components, sheets & fibre reinforced plastic products,Unreinforced and Reinforced Plastics, Electrical Insulating Materials, extruded sheets or plates,	Flexural Properties a) Flexural Strength	ISO 178
58	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic, molded components, sheets & fibre reinforced plastic products,Unreinforced and Reinforced Plastics, Electrical Insulating Materials, extruded sheets or plates,	Flexural Properties b) Flexural Modulus	ASTM D 790
59	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic, molded components, sheets & fibre reinforced plastic products,Unreinforced and Reinforced Plastics, Electrical Insulating Materials, extruded sheets or plates,	Flexural Properties b) Flexural Modulus	ISO 178
60	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic, molded components, sheets, fibre reinforced plastic products, Plastic films, Flexible & rigid Foams	Flammability - Horizontal & Vertical Burning	UL 94
61	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic, molded components, sheets, fibre reinforced plastic products, Plastic films, Flexible & rigid Foams	Limited Oxygen Index	ASTM D 2863
62	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyolefins	UV resistance test for HDPE/PP food grain bags	IS 14887
63	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Styrenes, Polyolefins, Polyseter, Polyamide, acrylics, Polycarbonates, Acetals & polysulphones,	Melt Flow Rate	ASTM D1238
64	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Styrenes, Polyolefins, Polyseter, Polyamide, acrylics, Polycarbonates, Acetals & polysulphones,	Melt Flow Rate	ISO 1133-2