

Pilot Plant & Process Development Center (PP& PDC)

Sl	Name of Sample	Test Parameter	Methodology	Fees	Duration
1	Ceramic	Compressive Strength	Ceramic Compressive Strength Test	5000.00	7
2	Ceramic	Flexural Strength	Flexural Strength Measurement	5000.00	7
3	Ceramic	Hardness	Vickers Micro-Hardness	5000.00	7
4	Ceramic	Sintering	Ceramic Body Sintering	10000.00	7
5	Ceramic	Thermal Expansion Coefficient	TMA	6000.00	7
6	Ceramic	XRD : Phase Identification	XRD	6000.00	7
7	Ceramic Matrix Composite	Compressive Strength	Compressive Strength Measurement	5000.00	7
8	Ceramic Matrix Composite	Expansion Coefficient	TMA	6000.00	7
9	Ceramic Matrix Composite	Hardness	Vickers Micro Hardness	5000.00	7
10	Ceramic Matrix Composite	Hardness	Rebound Hardness	3000.00	7
11	Ceramic Matrix Composite	Tensile Strength	Composite Tensile Test	5000.00	7
12	Ceramic Matrix Composite	Thermal Stability	TG/DTA	5000.00	7
13	Ceramic Matrix Composite	XRD : Phase Identification	XRD	6000.00	7
14	Concrete	Cylinder Compression Test	UTM	5000.00	10
15	Electric Cable-(PP&PDC)	Carbon Black Content	TGA	25000.00	7
16	Electric Cable-(PP&PDC)	Degree of Cross Linking	ASTM D2765	20000.00	7
17	Electric Cable-(PP&PDC)	Heat Distortion	ANSI/ICEA S- 76-474-2004	10000.00	7
18	Electric Cable-(PP&PDC)	Heat Shock	ANSI/ICEA S- 76-474-2004	10000.00	7
19	Electric Cable-(PP&PDC)	Hot creep Test	ANSI/ICEA T- 28-562-2003	20000.00	7
20	Electric Cable-(PP&PDC)	Pressure Test at High Temperature	Pressure Test at High Temperature	20000.00	7
21	Electric Cable-(PP&PDC)	Shrinkage	IEC 60811-1-3	10000.00	7
22	Electric Cable-(PP&PDC)	Tensile Strength and Elongation	ASTM D638	10000.00	7
23	Electric Cable-(PP&PDC)	Thermal Aging	Thermal Aging	15000.00	10
24	Electric Cable-(PP&PDC)	Water Absorption	IEC 60811-1-3	10000.00	16
25	Metal-Metal Alloy : Non Ferrous (Aluminium)	Chemical Composition	OES	15000.00	7
26	Metal-Metal Alloy : Non Ferrous (Aluminium)	Corrosion Study	Icor/Ecor	9000.00	7
27	Metal-Metal Alloy : Non Ferrous (Aluminium)	Flexural Strength	Measurement of Flexural Strength	5000.00	7
28	Metal-Metal Alloy : Non Ferrous (Aluminium)	Hardness	Rockwell Hardness	3000.00	7
29	Metal-Metal Alloy : Non Ferrous (Aluminium)	Hardness	Vickers Micro-Hardness	5000.00	7
30	Metal-Metal Alloy : Non Ferrous (Aluminium)	Heat Treatment	Hardening/Normalizing/Carburizing	425.00	14
31	Metal-Metal Alloy : Non Ferrous (Aluminium)	Melting Point	TGA	5000.00	7
32	Metal-Metal Alloy : Non Ferrous (Aluminium)	Micro structure	Metallography and Microscopy	5000.00	7
33	Metal-Metal Alloy : Non Ferrous (Aluminium)	Tensile Strength	Measurement of Tensile Strength	5000.00	7
34	Metal-Metal Alloy : Non Ferrous (Aluminium)	Thermal Expansion Coefficient	TMA	6000.00	7
35	Metal-Metal Alloy : Non Ferrous (Aluminium)	Thickness	Thickness of Metal/ UPTG	1500.00	7
36	Metal-Metal Alloy : Non Ferrous (Aluminium)	Wear Study	Metallic Wear Test	5000.00	7
37	Metal-Metal Alloy : Non Ferrous (Aluminium)	XRD : Phase Identification	Phase Identification	6000.00	7
38	Metal-Metal Alloy : Non Ferrous (Aluminium)	Grade Identification	Grade Identification	5000.00	7
39	Metal-Metal Alloy: Ferrous (Iron/Steel/Cast Iron)	Chemical Composition	OES	15000.00	5
40	Metal-Metal Alloy: Ferrous (Iron/Steel/Cast Iron)	Corrosion Study	Icor/Ecor	9000.00	7
41	Metal-Metal Alloy: Ferrous (Iron/Steel/Cast Iron)	Flexural Strength	Measurement of Flexural Strength	5000.00	5
42	Metal-Metal Alloy: Ferrous (Iron/Steel/Cast Iron)	Hardness	Rockwell Hardness	3000.00	5
43	Metal-Metal Alloy: Ferrous (Iron/Steel/Cast Iron)	Hardness	Vickers Micro-Hardness	5000.00	5
44	Metal-Metal Alloy: Ferrous (Iron/Steel/Cast Iron)	Heat Treatment	Hardening/Normalizing/Carburizing	425.00	14
45	Metal-Metal Alloy: Ferrous (Iron/Steel/Cast Iron)	Melting Point	TGA	5000.00	5
46	Metal-Metal Alloy: Ferrous (Iron/Steel/Cast Iron)	Microstructure	Metallography and Microscopy	5000.00	5
47	Metal-Metal Alloy: Ferrous (Iron/Steel/Cast Iron)	Tensile Strength	Measurement of Tensile Strength	5000.00	5
48	Metal-Metal Alloy: Ferrous (Iron/Steel/Cast Iron)	Thermal Expansion Coefficient	TMA	6000.00	7
49	Metal-Metal Alloy: Ferrous (Iron/Steel/Cast Iron)	Thickness	Thickness of Metal/ Ultrasonic Pr. Thicknessgauge	1500.00	7
50	Metal-Metal Alloy: Ferrous (Iron/Steel/Cast Iron)	Wear Study	Metallic Wear Test	5000.00	7
51	Metal-Metal Alloy: Ferrous (Iron/Steel/Cast Iron)	XRD : phase Identification	Phase Identification	6000.00	7
52	Metal-Metal Alloy: Ferrous (Iron/Steel/Cast Iron)	Grade Identification	Grade Identification	5000.00	7
53	Mineral Sample	XRD : Phase Identification	Mineral Type Identification	6000.00	7
54	Oxygen Meter	Calibration of Oxygen Meter	Oxygen Meter Calibration	20000.00	7
55	Packaging Material	Bonding Strength	Packaging Material Inter Layer Bonding	7000.00	7
56	Pharmaceutical Sample	XRD (Intermediate Scan)	XRD (Speed 1 deg/min)	12000.00	7
57	Pharmaceutical Sample	XRD (Regular Scan)	XRD (Speed 2 deg/min)	6000.00	7
58	Pharmaceutical Sample	XRD (Slow Scan)	XRD (Speed 0.5 deg/min)	24000.00	7
59	Plastic and Polymer	Compressive Strength	Compressive Strength Measurement	5000.00	7
60	Plastic and Polymer	Expansion Coefficient	TMA	6000.00	7
61	Plastic and Polymer	Extrusion Quality	Extrusion Quality by acetone immersion	5000.00	7
62	Plastic and Polymer	Fabrication	Extrusion	10000.00	7
63	Plastic and Polymer	Fabrication	Hot Press	10000.00	7
64	Plastic and Polymer	Hardness	Rebound Hardness	3000.00	7
65	Plastic and Polymer	Hardness	Vickers Micro Hardness	5000.00	7
66	Plastic and Polymer	Heat Reversion	Heat Reversion Test	5000.00	7
67	Plastic and Polymer	Melt Index	ASTM 1238	5000.00	7
68	Plastic and Polymer	Swelling of die extrude	Melt Flow Indexer	5000.00	7
69	Plastic and Polymer	Tensile Strength	Composite Tensile Test	5000.00	7
70	Plastic and Polymer	Thermal Stability	TG/DTA	5000.00	7
71	Plastic and Polymer	XRD : Phase Identification	XRD	6000.00	7
72	Plastic and Polymer	Absorption/Transmission Spectra	UV-VIS/ Spectroscop	2000.00	7
73	Pressure Gauges	Calibration of Pressure	Pressure Calibration	15000.00	7
74	Rubber/Rubber Products	Hardness	Rebound Hardness	3000.00	7
75	Rubber/Rubber Products	Initial Plasticity	Initial Plasticity	7000.00	7
76	Rubber/Rubber Products	Plasticity Retention Index	Plasticity Retention Index	7000.00	7
77	Rubber/Rubber Products	Tensile Strength	Tensile Strength Measurement	5000.00	7
78	Steel Wire	Breaking Load	Measurement of Breaking Load	5000.00	7
79	Steel Wire	Weight of Zinc Coating	Weight of Zinc Coating	5000.00	7
80	Thiner	Absorption/Transmission Spectra	UV-VIS/ Spectroscop	2000.00	7
81	Thiner	Fabrication	Dip Coating	9000.00	7
82	Thiner	Fabrication	Spin Coating	9000.00	7
83	Thiner	Heat Treatment	Heat Treatment	2000.00	7
84	Thiner	XRD : Phase Identification	XRD	6000.00	7