

Expected average time for testing in RITES Ltd., Eastern Region Lab., Kolkata

S.No	Name of Test	Average Time for testing
1	Chemical analysis by Spectro	2 Working days
2	Chemical Analysis by Wet Analysis A) Up to 5 elements B) More than 5 elements	4 Working days 6 Working days
3	Mechanical Test Sample submitted In Machined Condition (Tensile Strength, Yield Strength, % Elongation)	2 Working days
4	Mechanical Test (Tensile Strength, Yield Strength, % Elongation, Hardness ,Bend Test, Impact Test)	8 Working days
5	Metallography Test Sample submitted in Machined Condition (Microstructure with /without photograph, Depth of decarburization , Confirmation of seamless, Grain Size, Inclusion Rating, Case Depth)	2 Working days
6	Metallography Test (Microstructure with /without photograph, Depth of decarburization , Confirmation of seamless, Grain Size, Inclusion Rating, Case Depth)	4 Working days
7	Textile	
	a) Bed Sheet/Pillow Cover	8 Working days
	b) Towel	6 Working days
	c) Blanket	12 Working days
	d) Woolen Serge	8 Working days
	e) Jersey Woolen	12 Working days
	f) Polyester/Cotton Blended Shirting	12 Working days
	g) Cotton/ Polyester/Cotton Sarees	12 Working days
	h) Cotton Drill	7 Working days
	i) Woolen Felt	6 Working days
	j) Cotton Waste	6 Working days
	k) Pagree	7 Working days
	l) Signal Flag	7 Working days
	m) Angola Shirting	8 Working days
	n) Socks cotton	7 Working days
o) Cotton Dury	7 Working days	
8	Paper (GSM, Tensile Index, Cobb Test, Burst Index , Opacity, Bulk etc)	3 Working days
9	Paint	
	a) Synthetic	7 Working days
	b) Ready mix	10 Working days
	c) PU/ Epoxy	35 Working days
	d) PU/ Epoxy with weathering test	55 Working days
10	Polymer- Rubber (Tensile Strength, Elongation at Break %, Hardness, Compression Set, Ageing Test, Swelling , Polymer identification, Ash% , Density)	7 Working days
11	Polymer- Plastics (Tensile Strength, Water Absorption, Ash %, Density, Hardness)	4 Working days
12	Polymer- FRP (Fiber content, Cross Breaking Strength, Water Absorption, Density)	4 Working days

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13	Polymer- Adhesive (Weight/Lit, Shear Strength(Dry & Wet), Peel Strength)	4 Working days
14	Leather (Chromium Content, Tensile Strength, Elongation at Break %, Density, Solvent Extractable Substance, PH, Double Hole Stitch Shear Strength)	5 Working days

Note:

(1)The above mentioned period is average working days and tentative time for testing. Actual time of testing may vary depending on pre-occupation of lab prior to acceptance of sample at lab end. Testing is taken up only after receipt of sample and testing charges.

(2) Testing is carried out on priority basis for the samples submitted on Tatakai Sewa System.

~~R. S. Pandian~~ / 14/11/17
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