

Reinforcement Material Characterisation

Product	Si No	Tests	Test Method Reference
Steel Cord	1	Steel cord gauge	ASTM D 2969
	2	Steel wire linear density	ASTM D 2969
	3	Steel wire breaking strength	ASTM D 2969
	4	Steel wire elongation @ break	ASTM D 2969
	5	T - Pull adhesion steel wire	ASTM D 2229
	6	Lay Length and Lay Direction	ASTM D 2969
Bead Wire	7	Bead wire gauge	ASTM D 4975
	8	Bead wire linear density	ASTM D2969
	9	Bead wire breaking strength	ASTM D 4975
	10	Bead wire elongation @ break	ASTM D 4975
	11	T - Pull adhesion bead wire	ASTM D 1871
	12	Reverse bend of bead wire	IS 1716
	13	Torsion of bead wire	ASTM D 4975
Organic Cord	14	Organic cord gauge	ASTM D 885
	15	Organic cord linear density	ASTM D885
	16	Organic cord breaking strength	ASTM D 885
	17	Organic cord elongaton @ break	ASTM D 885
	18	Part Load Elongation	ASTM D 885
	19	Twist of organic cord_Cable	ASTM D 885
	20	Shrinkage of organic cord	ASTM D 4974
	21	Shrink Force of Organic Cord	ASTM D 5591

	22	Organic cord H-adhesion	ASTM D4776
	23	Peel Adhesion	ISO 36
Hose	24	Hot Water Hose Peel Adhesion	IS 3400 Part 5
	25	LPG Domestic Hose Peel Adhesion	IS 3400 Part 24
	26	LPG Industrial Hose Peel Adhesion	IS 3400 Part 24