



MANUFACTURERS OF PVC CABLE COMPOUNDS

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TECHNICAL DATA SHEET ALL CABLE GRADES

Sr. No.	GRADE	DENSITY (g/cm ³)	THERMAL STABILITY @ 200°C (minutes)	HARDNESS (Shore A)	TENSILE (N/mm ²)	ELONGATION (%)	COLOURS	APPLICATION
	TEST METHOD	IS :5831	IS :5831	IS :5831	IS :5831	IS :5831		
1	ST-1 SPECIAL BLACK	1.40 (±0.02)	60	90-92	13+	200	BLACK	Cable Outer Sheathing, RDSO, Power & Control cables, Telecom & Signalling cables, Multi-core cables
2	ST-1 RDSO	1.45 (±0.02)	60	90-92	13+	200	BLACK, GREY	
3	ST-1	1.50 (±0.02)	60	90-92	13+	180	BLACK, NATURAL WHITE, GREY	
4	ST-2	1.55-1.60	80	90-92	11 to 12	180	BLACK, NATURAL WHITE, YELLOW, GREY	
FR GRADES - LOI MIN 29%								
5	FR	1.56 (±0.03)	60	90-92	12.5	180	BLACK, NATURAL WHITE	Outer Sheathing Flame Retardent Cables
6	FR FLEXI	1.56 (±0.03)	60	80-85	12.5	180	BLACK, NATURAL WHITE	Flame retardent multi-core Flexible Cables
FLEXIBLE PVC								
7	SPECIAL FLEXI	1.40 (±0.02)	60	80-85	13+	200	BLACK	Flat/Submersible Cables, Multi-core Cables,
8	ST-1 FLEXI	1.50 (±0.02)	60	80-85	13+	180	BLACK	
9	ECO FLEXI	1.56 (±0.03)	60	80-85	11 to 12	180	BLACK	