



MANUFACTURERS OF PVC CABLE COMPOUNDS

www.rpplasticindustries.com

18/644 & 642/A/1, AGARWAL IND ESTATE, SOMNATH ROAD, DABHEL, DAMAN (UT) - 396210.

TECHNICAL DATA SHEET RP PVC CABLE COMPOUND 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	14+	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	12.5	180	BLACK, NATURAL WHITE,GREY	
4	ST 2	1.52-1.55	80	90-92	12.5	180	BLACK, NATURAL WHITE,GREY	
5	LOW COST COMMERCIAL GRADE	1.60-1.65	50	90-92	11 to 12	180	BLACK, NATURAL WHITE,YELLOW,GREY	
FR GRADES - LOI MIN 29%								
6	FR	1.56 (±0.03)	60	90-92	12.5	180	BLACK, NATURAL WHITE	Outer Sheathing Flame Retardent Cables
7	FR FLEXI	1.56 (±0.03)	60	80-85	12.5	180	BLACK, NATURAL WHITE	Flame retardent multi-core Flexible Cables
FLEXIBLE PVC								
8	SPECIAL FLEXI	1.40 (±0.02)	60	80-85	13+	200	BLACK	Flat/Submersible Cables, Multi-core Cables,
9	ST-1 FLEXI	1.50 (±0.02)	60	80-85	13+	180	BLACK	
10	ECO FLEXI	1.60±0.02	60	80-85	11 to 12	180	BLACK	