

MALINI CABLES INDIA PVT. LTD.

SPECIFICATIONS OF PVC COMPOUND WIRES AND CABLES

	Grade	Specific gravity ± 0.03 ASTM D-792	Shore A Hardness ASDM D-2240	Tensile Strength (Min) 15:10810	Elongation (Min) 15:10810	V.R. $\times 10^{13}$ At 27°C (Min)ASTM D-257	Thermal Stability at 200C (Min) 15:5831	Confirm to Standards	Application
	Grade	GM/CC	Shore A.	KG/CM ²	%	Ω -cm	Minutes.		
1	DP-90	1.45	84	150	250		50	IS:5831	Soft grade for cable sheathing
2	DP-34	1.48	96	150	200		110	IS:5831	Sheathing compound for power cable applications (ST-2)
3	DP-40	1.44	94	170	220		50	IS:5831	Sheathing compound (ST-1)
4	DP-46	1.42	85	180	250	11.5	110	IS:5831	Insulation compound for application up to 3.3 K V (Type- C)
5	DP-72	1.42	80	180	200		95	IS:5831	Sheeting compound for applications up to 90deg c (ST- 2)
6	DP-80	1.45	88	140	280		50	IS:5831	Soft grade designed for use of sheathing oc Co-axial cables
7	DP-84	1.44	80	145	220		90	IS:5831	Sheathing application for XLPE cables (ST- 2)
8	DP-42	1.48	80	150	250		105	IS:5831	Sheathing application for XLPE cables (ST- 2)
9	DP-28	1.45	84	170	250	9.5	105	IS:5831	General purpose of insulation compound (Type - A)
10	DP-18	1.47	84	150	200	8.7	95	IS:5831	Insulation grade compound (Type - A)
11	DP-12	1.55	90	150	200	5.7	65	IS:5831	Soft insulation grade
12	DP-30	1.50	84	150	250		70	IS:5831	General purpose of Sheathing applications (ST -1)ROHS
13	DP-50	1.50	95	150	200		80	IS:5831	General purpose insulation grade
14	HR-22	1.44	85	180	200		120	IS:5831	General purpose Sheathing grade
15	DP-44	1.40	85	190	200	8.5	130	IS:5831	Heat resistant compound up to 85 deg corporation (HR)

16	DP-44	1.42	88	190	250	9	50	IS:5831	Heat resistant compound up to 105 deg corporation (HR)
17	DF-56	1.45	70	180	220	6.2	85	IS:5831	Insulation compound for gloss applications
18	DF-20	1.38	92	170	250		90	IS:5831	General purpose sheathing & insulation compound ROHS
19	SFR-30	1.65	90	150	200		130	IS:5831	Fast extrusion insulation compound
20	SER-48	1.62	90	150	200	7.5	140	IS:5831	FRLS sheathing & insulation compound
21	SFR-186	1.47	95	170	200		110	IS:5831	FRLS sheathing applications for power cables
22	SFR-192	1.55	80	150	200		95	IS:5831	FR insulation & sheathing grade
23	FR-40	1.49	85	200	240		110	IS:5831	FR insulation applications
24	SP-01	1.45	85	170	250		150	IS:5831	Insulation compound for Railway signaling cables & telecom cables etc
Notes : The aforesaid are tested on sheet at 27oC+/-2oC. The results obtained are indicative of the performance of the product									