



BIHANI MANUFACTURING CO. PVT. LTD.

SPECIFICATION OF PVC & FOAMED COMPOUNDS - FOOT WEAR

Sl. No.	Grade	Specific Gravity	Shore A Hardness @ 27°C	Tensile Strength (Min)	Elongation at Break (Min)	Thermal Stability (Min) @ 200°C	Inflammability	Application
		IS:8543	ASTM D -2240	IS10810 (pt-7)	IS: 10810(Pt-7)	IS: 10810(Pt-60)	ASTM D 635	
	Unit		Shore A	Kg/cm ²	%	Minutes		
1	BM-11C/9	1.25 ±0.03	65 ±5	70	225	20	.....	Different foamed soles & shoes
2	BM-31	1.20 ±0.03	65 ±3	80	250	25	.....	Different micro foamed soles & shoes
3	BM-684R/FR	1.22 ±0.03	75 ±3	120	375	50	Self extinguishing	Injection moulded articles for fire resistant safety gum boots
4	BM-51C	1.43 ±0.25	65 ±3	100	300	20	.....	Different types of footwear Transparent articles
5	BM-60LJ	1.17±0.03	60±3	90	320	15	.....	Chappal Straps
6	BM-65LJ	1.19±0.03	69±3	110	290	15	.....	Chappal Straps
7	BM-80LJ	1.22±0.03	80±3	140	250	15	.....	Chappal Straps
8	BM-AIR BMI	1.30±0.03	70±3	80	200	25	.....	Different foamed soles & shoes
9	BM-70LJ	1.24±0.03	70±3	130	300	25	.....	Transparent Ladies Chappals
10	BM-04LJ	1.24±0.03	60±3	70	200	15	.....	Sole
11	BM-5CH	1.32±0.03	65±3	90	280	15	.....	Chappal & Sole
12	BM-5CH (N)	1.30±0.03	59±3	50	170	15	.....	Chappal & Sole
13	BM-A2	1.26±0.03	58±3	70	250	10	.....	Sole
14	BM-A2 (KH)	1.31±0.03	60±3	70	200	10	.....	Sole
15	BM-A2 (KH-EXTRA WHITE UV)	1.31±0.03	60±3	70	200	10	.....	Sole & Shoe
16	BM-AIR D	1.32±0.03	75±3	120	150	20	.....	Sole
17	BM-50 AIR	1.22±0.03	50±3	50	300	15	.....	Sole
18	BM-50B/54B	1.29±0.03	68±3	70	200	20	.....	Chappal & Sole
19	BM-55KCD	1.26±0.03	60±3	50	150	20	.....	Chappal & Sole

REMARKS :

- * Test values are in granules.
- * As per requirement all grades are available in different colours shades & between 40 - 90 Shore A Hardness.
- * Some properties may vary with Hardness.
- * The above properties are indicative & represent the value as tested in our Laboratories.

NOTE :

- * RoHS & REACH Compliance Compound also available.

Corporate Office: B-184, Okhla Industrial Area, Phase-I, New Delhi-110020, India

Ph. No. : +911126372554, 26812554, Fax: +9111 26372554, Email-info@bihanigroup.com, Web site : www.bihanigroup.com



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		IS:8543	ASTM D -2240	IS10810 (pt-7)	IS: 10810(Pt-7)	IS: 10810(Pt-60)	ASTM D 635	
	Unit		Shore A	Kg/cm ²	%	Minutes		
20	BM-65 WHITE BT	1.31±0.03	60±3	70	200	10	.....	Sole & Shoe
21	BM-68	1.44±0.03	65±3	55	200	25	.....	Sole
22	BM-75	1.32±0.03	75±3	130	140	15	.....	Sole
23	BM-80 M	1.36±0.03	80±3	150	130	15	.....	Sole
24	BM-85 M	1.40±0.03	85±3	150	130	15	.....	Sole
25	BM-90 M	1.40±0.03	90±3	170	150	15	.....	Sole
26	BM-95 M	1.40±0.03	95±3	160	120	15	.....	Sole
27	BM-99 F	1.24±0.03	60±3	50	170	15	.....	Sole & Shoe
28	BM-100	1.36±0.03	96±3	180	110	15	.....	Sole
29	BM-02 KL	1.24±0.03	58±3	50	150	15	.....	Sole
30	BM- EXP BK II KL	1.18±0.03	60±3	50	200	250	.....	Sole
31	BM-A 01	1.25±0.03	51±3	50	200	15	.....	Sole
32	BM- A 03 AIR	1.27±0.03	60±3	70	250	40	.....	Sole
33	BM-AIR 04	1.29±0.03	63±3	70	200	30	.....	Sole
34	BM-76 WHITE	1.57±0.03	75±3	40	150	30	.....	Sole
35	BM-55 PIL	1.23±0.03	60±3	50	140	15	.....	Sole
36	BM-65 WHITE	1.31±0.03	60±3	70	200	10	Sole
38	BM-65 EXP DC N	1.25±0.03	65±3	40	100	50	Sole (Foam SPG 0.55)

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