



KLJ Group

KLJ POLYMERS & CHEMICAL LIMITED (UNIT-II)

Quality Plan of Finished Goods (PVC Compound)

Footwear Grade (Microlon)

SR. NO.	GRADE	SPECIFIC GRAVITY	HARDNESS (Shore A)	THERMAL STABILITY @ 200°C	TENSILE STRENGTH	ELONGATION AT BREAK	VOLATILE LOSS AT 130/3 HRS.	RECOMMENDED PROCESSING TEMP.	APPLICATIONS
	UNITS =====>	NA	Nos.	Minutes (min)	Kg/cm2 (min)	% (min)	% (max)	°C	
	TEST METHOD =====>	ASTM D792	ASTM D2240	IS 5831	ASTM D638	ASTM D638	KPA/QCD/	---	
1	BM-4L	1.24 ± 0.02	60 ± 3	15	70	200	0.5	145-175	Sole
2	5-CH	1.32 ± 0.02	65 ± 3	15	90	280	0.5	145-175	Chappal & Soles
3	5 CH (N)	1.30 ± 0.02	59 ± 3	15	50	170	0.75	145-175	Chappal & Soles
4	A-2	1.26 ± 0.02	58 ± 3	10	70	250	1	140-175	Sole
5	A-2KH	1.31 ± 0.02	60 ± 3	10	70	200	1	140-175	Sole
6	A-2KH EXTTRA WHITE (UV)	1.31 ± 0.02	60 ± 3	10	70	200	1	140-175	Sole & Shoe
7	BM-AIRD	1.32 ± 0.02	75 ± 3	20	120	150	1	150-180	Sole
8	BM-50AIR	1.22 ± 0.02	50 ± 3	15	50	300	0.6	145-170	Sole
9	BM-50-B,/BM-54B	1.29 ± 0.02	68 ± 3	20	70	200	0.5	145-175	Chappal & Soles
10	BM-55KCD	1.26± 0.02	60 ± 3	20	50	150	1	145-170	Chappal & Soles
11	BM-65 WHITE-BT	1.31 ± 0.02	60 ± 3	10	70	200	1	140-175	Sole & Shoe
12	BM-68	1.44± 0.02	65 ± 3	25	55	200	0.75	140-175	Sole
13	BM-75	1.32 ± 0.03	75 ± 3	15	130	140	0.5	150-180	Sole
14	BM-80(M)	1.36 ± 0.02	80 ± 3	15	150	130	0.5	150-180	Sole
15	BM-85 (M)	1.40 ± 0.02	85 ± 3	15	150	130	0.5	150-180	Sole
16	BM-90 (M)	1.40 ± 0.02	90 ± 3	15	170	150	0.5	155-185	Sole
17	BM-95 (M)	1.40 ± 0.02	95 ± 3	15	160	120	0.5	155-185	Sole
18	BM-99-F	1.24 ± 0.02	60 ± 3	15	50	170	0.6	140-175	Shoes/Soles
19	BM-100	1.36 ± 0.02	96 ± 3	15	180	110	0.5	155-185	Sole
20	KL-BM-2	1.24+ 0.02	58 ± 3	15	50	150	0.6	135-170	Sole
21	KLJ-EXP-BK-II	1.18 ± 0.02	60 ± 3	25	50	200	0.5	140-170	Sole
22	A-1	1.25 ± 0.02	51 ± 3	15	50	200	1	140-175	Sole
23	A-3 AIR	1.27 ± 0.02	60 ± 3	40	70	250	1	140-175	Sole
24	BM- AIR-4	1.29 ± 0.02	63 ± 3	30	70	200	1	140-170	Sole
25	BM-76 WHITE	1.57 ± 0.03	75 ± 3	30	40	150	1	140-170	Sole
26	BM-55 PIL	1.23 ± 0.02	60 ± 3	15	50	140	1	140-170	Shoe
27	BM-65 WHITE	1.31 ± 0.02	60 ± 3	10	70	200	1	140-170	Shoe
28	BM-65 EXP DC	1.25 ± 0.02	65 ± 3	50	40	100	1	140-170	Sole (Foam SPG 0.55)
29	BM-65 EXP DCN	1.25 ± 0.02	65 ± 3	50	40	100	1	140-170	Sole (Foam SPG 0.55)
30	BMT-65 EXP DC	1.25 ± 0.02	65 ± 3	50	40	100	1	140-170	Sole (Foam SPG 0.55)

Remarks

1. As per requirement all grades are available in different colours and available between 40 to 90 Shore A Hardness.
2. Some properties may vary with Hardness.
3. The above properties are indicative and represent the values as tested in our laboratories.

Spl Note

1. RoHS and REACH Compliance grade also available