



KLJ Group

**KLJ POLYMERS & CHEMICAL LIMITED (UNIT-II)**

**Quality Plan of Finished Goods (PVC Compound)**

**Footwear Grade (Compact)**

SR. NO.	GRADE	COLOUR	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	NA	Nos.	Minutes (min)	Kg/cm2 (min)	% (min)	% (max)	°C	
	TEST METHOD =====>	VISUAL	ASTM D792	ASTM D2240	IS 5831	ASTM D638	ASTM D638	KPA/QCD/	---	
1	AR-50M	Natural	1.24 ± 0.02	55 ± 3	15	70	300	0.6	145-175	Chemical Resistant/Gum Boots
2	AR-60M	Natural	1.26 ± 0.02	63 ± 3	15	80	300	0.5	145-175	Soles
3	BT-60 B	Natural	1.18 ± 0.02	60 ± 3	25	100	350	0.6	145-180	Soles/Chapples
4	BT-60C	Natural	1.23 ± 0.02	60 ± 3	15	90	350	0.5	145/175	Soles
5	BT-99C	Natural	1.17 ± 0.02	60 ± 3	25	80	200	0.75	145-180	Soles/Children Shoes
6	BATA-II	Natural/Colour	1.25 ± 0.02	65 ± 3	15	100	375	0.6	145-175	Soles/Sleepers
7	ET 2II /ET-2 N	Natural/Colour	1.22 ± 0.02	80 ± 3	15	140	250	0.5	145-175	Chappal Straps
8	ET 3II/ET-3N/NR	Natural/Colour	1.19 ± 0.02	69 ± 3	20	110	280	0.5	145-175	Chappal Straps
9	ET 4II /ET-4 N	Natural/Colour	1.17 ± 0.02	60 ± 3	20	90	320	0.6	145-175	Chappal Straps
10	IQ-45 (M)	Natural/Colour	1.30 ± 0.02	45 ± 3	15	70	400	0.75	145-175	Automotive component
11	IQ-55 NAT	Natural/Colour	1.23 ± 0.02	55 ± 3	15	90	400	0.75	145-175	Economical Soles.handling pading
12	KLJ-IQ-80N-NAT	Natural/Black	1.33 ± 0.02	80 ± 3	20	120	300	0.5	145-180	Economical Soles.
13	Q-60SPL-Z BK/BR	Black/Brown	1.22 ± 0.02	60 ± 3	20	90	350	0.6	145-180	Lead & Cadmium Free Soles
14	Q-65SPL-Z BK/BR	Black/Brown	1.22 ± 0.02	65 ± 3	25	105	350	0.6	145-175	Lead & Cadmium Free Soles
15	Q-68SPL-Z BK/BR	Black/Brown	1.21 ± 0.02	68 ± 3	25	100	300	0.5	145-180	Lead & Cadmium Free Soles
16	Q-70SPL (Z) BK/BR	Black/Brown	1.23 ± 0.02	70 ± 3	25	90	300	0.5	145 -175	Lead & Cadmium Free Soles
17	Q-75 NAT.	Natural	1.22 ± 0.02	75 ± 3	15	130	300	0.5	145 -175	Lead & Cadmium Free Soles
18	Q-75SPL-Z BK/BR/PF	Black/Brown	1.25 ± 0.02	75 ± 2	25	100	250	0.5	145-180	Lead & Cadmium Free Soles
19	Q-75SPL-Z BK/BR/ PF	Black/Brown	1.25 ± 0.02	75 ± 2	25	100	250	0.5	145-180	Lead & Cadmium/Phthalate Free Soles
20	Q-80SPL-Z BK/BR /PF	Black/Brown	1.24 ± 0.02	80 ± 3	25	130	250	0.5	145-180	Lead & Cadmium/Phthalate Free Soles
21	Q-85SPL-Z BK/BR/PF	Black/Brown	1.26 ± 0.02	85 ± 3	25	120	250	0.6	145-180	Lead & Cadmium/Phthalate Free Soles
22	Q-90 SPL Z BK/SPL NAT	Black/Brown	1.30 ± 0.02	90 ± 3	25	150	200	0.6	145-180	Lead & Cadmium Free Soles
23	SH-60	Natural	1.23 ± 0.02	60 ± 3	15	90	350	0.5	145/175	Footwear
24	SH-60 NEW	Natural	1.25 ± 0.02	65 ± 3	12	100	375	0.6	145-180	Footwear
25	SH-65	Natural/Colour	1.23 ± 0.02	65 ± 3	15	80	300	0.5	145-180	Footwear
26	SH-70	Natural/Colour	1.24 ± 0.02	70 ± 3	15	90	250	0.5	145-180	Footwear

**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**