



**GREEN
CLOUD LIGHT**



TPR LIGHT



EVA LIGHT



KLJ GROUP
SINCE 1967



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KLJ/FOOTWEAR/JAN/2026

TRUST BUILT ON PERFORMANCE

...sustaining life with natural footprints



KLJ GROUP
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World Class Plants strategically located in India with installed capacity of Compounding aggregating over 200,000 tpa.

One Stop Total Solutions provider for all the Footwear & other Compounds need with multi location manufacturing facilities at Silvassa and Agra

COMPLETE RANGE OF FOOTWEAR COMPOUNDS

- PVC - Compact, Microlon, Green Cloud (Light Weight), Cork etc.
- TPR - Normal, Expandable (Light Weight), Low Abrasion, Cork etc.
- TPE - Compact
- EVA - Light Weight with Low Abrasion

FOOTWEAR COMPOUND



KLJ VINYL

PVC COMPOUND - COMPACT GRADE

Properties	Specific Gravity	Hardness (Shore A)	Thermal Stability at 200°C	Tensile Strength	Elongation at Break	Volatiles Loss at 130°C for 3 Hours	Recommended Processing Temperature	Applications
Unit	N/A	Nos.	Minutes (Min.)	Kg/cm ² (Min.)	% (Min.)	% (Max.)	°C	
Test Method	ASTM D 792	ASTM D 2240	IS 5831	ASTM D 638/IS 10810 (Part 7)	KPCL/QC/WIN-2	---	---	
Grades								
BT 55 NAT	1.16 ± 0.03	55 ± 3	30	70	350	1.5	145 - 175	Soles
BT 60B	1.18 ± 0.02	60 ± 3	25	100	350	1.0	145 - 180	Soles/Chappals
ET 3N	1.19 ± 0.02	69 ± 3	20	110	280	0.6	145 - 175	Chappal Straps
ET 5N	1.17 ± 0.02	55 ± 3	20	75	300	0.6	130 - 160	Chappal Straps
Q 60 SPL	1.22 ± 0.02	60 ± 3	20	90	350	0.6	145 - 180	Soles
Q 70 SPL	1.23 ± 0.02	70 ± 3	25	90	300	0.6	145 - 180	Soles & Straps
Q 85 SPL	1.26 ± 0.02	85 ± 3	25	120	250	0.6	145 - 180	Soles
BT 60 C	1.23 ± 0.02	60 ± 3	15	90	350	2	145 - 175	Soles
BATA II	1.25 ± 0.02	65 ± 3	15	100	375	2	145 - 175	Soles
SH 60 NEW	1.25 ± 0.02	65 ± 3	15	100	375	2.5	145 - 180	Soles
ET 3 II R	1.26 ± 0.02	70 ± 3	10	120	300	0.6	145 - 175	Transparent Chappals & Belly Shoes
AR 55 NB	1.32 ± 0.02	68 ± 3	20	70	300	2	145 - 160	Gumbots
S 4 T L	1.28 ± 0.02	70 ± 3	15	60	200	2	140 - 180	Transparent Gumbots & Soles
S 4 T U	1.25 ± 0.02	60 ± 3	15	60	200	2	140 - 180	Transparent Gumbots & Soles
Q 50 F NAT	1.25 ± 0.02	50 ± 3	15	50	200	1.5	140 - 160	Gumbots
TFC 35M RH	1.12 ± 0.02	35 ± 3	15	20	300	1	130 - 160	Gumbots for Low Temp. (-20°C)
IQ 55	1.36 ± 0.03	60 ± 3	15	90	350	1.5	145 - 175	Soles
S 60 NAT	1.28 ± 0.03	60 ± 3	15	90	350	2.0	140 - 180	Straps
S 70 NAT	1.29 ± 0.03	70 ± 3	15	100	350	2.0	140 - 180	Straps
S 55 TR WH PF	1.16 ± 0.03	55 ± 3	15	60	300	0.6	140 - 180	Shoes Upper Part
S 55 TPT PF	1.16 ± 0.03	55 ± 3	15	60	300	0.6	140 - 180	Shoes Upper Part
S 55 TPF	1.16 ± 0.03	55 ± 3	15	60	300	0.6	140 - 180	Straps

- * Fluorescent & Glitter Compounds are also available
- * As per requirement, all grades are available in different colours, different hardness and UV stabilised. Properties may vary with hardness
- * All grades are also available as per RoHS guidelines, REACH norms and Phthalate free compositions with Antimicrobial & Antifungal properties

Disclaimer: The data given above are for the guidelines purpose only. Above compound is suitable to run on different machines; however some adjustments may be required on individual machine. All properties are tested as per ASTM/IS standards. Any data may change without prior information. The customers are advised to check the quality, prior to commercial use. There is no guarantee and/or warranty what so ever, after processing.

PVC COMPOUND - FOAM GRADE (MICROLON)

Properties	Specific Gravity	Hardness (Shore A)	Thermal Stability at 200°C	Tensile Strength	Elongation at Break	Volatiles Loss at 130°C for 3 Hours	Recommended Processing Temperature	Applications
Unit	N/A	Nos.	Minutes (Min.)	Kg/cm ² (Min.)	% (Min.)	% (Max.)	°C	
Test Method	ASTM D 792	ASTM D 2240	IS 5831	ASTM D 638/IS 10810 (Part 7)	KPCL/QC/WIN-2	---	---	
Grades								
RBM 50 III SKS	1.2 ± 0.03	55 ± 3	20	20	100	1.0	140 - 170	Light Weight Rubberised Sole
RBM 52 III SKS	1.12 ± 0.02	53 ± 3	20	20	100	1.0	140 - 170	Light Weight Rubberised Sole
BM AS 65 NAT/COJ	1.21 ± 0.03	65 ± 3	20	25	100	1.0	140 - 170	Artistic Type Soles
BM AIR I NAT	1.23 ± 0.03	53 ± 3	15	30	100	2.0	150 - 200	Light Weight Rubberised Sole
BM AJ II	1.25 ± 0.02	45 ± 3	10	40	200	2.0	140 - 170	Full Shoes
BM SUPER G 2/GF	1.26 ± 0.02	61 ± 3	10	70	200	1.5	140 - 175	Sports Shoe Sole
BM 55 KCD	1.26 ± 0.02	60 ± 3	20	50	150	1.0	145 - 170	Chappal & Soles
BM 99 FD	1.27 ± 0.02	60 ± 3	15	50	170	1.2	140 - 175	Shoes/Soles
BM 50 B	1.29 ± 0.02	68 ± 3	20	70	200	2.0	145 - 175	Chappal & Soles
BM SUPER G4	1.20 ± 0.03	61 ± 3	10	50	200	1.5	140 - 180	Light Weight Sports Shoe
BM 65 G0	1.25 ± 0.03	60 ± 3	10	50	150	1.5	145 - 175	Sports Shoe
5 CH	1.35 ± 0.02	65 ± 3	15	75	200	1.5	145 - 175	School Shoe/Sole
5 CH 55	1.35 ± 0.03	55 ± 3	15	50	200	1.5	145 - 175	Cho-Cho Kids Sole
A 2KH	1.31 ± 0.02	60 ± 3	10	70	200	2.0	140 - 175	Sports Shoes/Sole
BM 65 BT	1.31 ± 0.02	60 ± 3	10	70	200	2.0	140 - 175	Sole & Shoes
BM AIR D	1.32 ± 0.02	73 ± 3	20	120	150	1.2	150 - 180	Sole
BM 68	1.44 ± 0.02	65 ± 3	25	55	200	2.0	140 - 175	Sole
BM ARM 66	1.35 ± 0.03	66 ± 3	10	50	150	2.0	140 - 170	Bubble Gummer Flavoured Kids Sole
A 1 PF	1.23 ± 0.03	50 ± 3	15	40	200	0.6	140 - 180	Shoes
A 2 BW PF	1.26 ± 0.02	58 ± 3	10	50	200	0.6	140 - 180	Shoes

- * As per requirement all grades are available in different colours, different hardness and as UV Stabilised. Properties may vary with hardness.
- * All grades are also available as per RoHS guidelines, REACH norms and Phthalate free compositions with Antimicrobial & Antifungal properties

Disclaimer: The data given above are for the guidelines purpose only. Above compound is suitable to run on different machines; however some adjustments may be required on individual machine. All properties are tested as per ASTM/IS standards. Any data may change without prior information. The customers are advised to check the quality, prior to commercial use. There is no guarantee and/or warranty what so ever, after processing.

KLJ VA

EVA COMPOUND

Properties	Surface Finish	Specific Gravity	Hardness after Expansion (Shore A)	Hardness after Expansion (Asker C)	Expansion at 175 ± 3°C Pressure 200 ± 5 Kg/cm ²	Abrasion Resistance	Applications/Process	Application/Product
Unit	N/A	N/A			%	mm ²		
Test Method	KLJ TM	ASTM D792	ASTM D2240	JIS-K 7312	KLJ TM	ISO 4649		
Grades								
KS N 1.45 25		0.25 ± 0.05	20 ± 3	35 ± 3	44 ± 2	≤350 @ 5 N	Injection Molding - Rubberized/Soft feel	Slide/Sandal
KS N 45 40		0.25 ± 0.05	25 ± 3	40 ± 3	44 ± 2	≤350 @ 5 N	Injection Moulding	Unit Sole
KS N 1.5 40		0.25 ± 0.05	28 ± 3	40 ± 3	48 ± 2	≤350 @ 5 N	Injection Moulding	Slide/Sandal
KS N 1.6 40		0.25 ± 0.05	25 ± 3	45 ± 3	50 ± 2	≤400 @ 5 N	Injection Moulding	Slide/Sandal
CM N 1.65 45		0.20 ± 0.05	25 ± 3	45 ± 3	56 ± 2	≤400 @ 5 N	Compression Molding - Hot & Cold	Slide/Sandal
CM N 1.8 20		0.15 ± 0.05	20 ± 3	30 ± 3	80 ± 3	NA	Compression Molding - Hot & Cold	Footbed
CM N 1.43 25		0.25 ± 0.05	12 ± 3	25 ± 3	46 ± 2	≤350 @ 5 N	Compression Moulding - Rubberized/Soft feel	Slide/Sandal
CM N 1.41 45		0.25 ± 0.05	20 ± 3	35 ± 3	46 ± 2	≤350 @ 5 N	Compression Moulding	Slide/Sandal
CM N 1.75 50		0.15 ± 0.05	30 ± 3	45 ± 3	66 ± 2	≤400 @ 5 N	Compression Moulding	Slide/Sandal
CM N 2.1 20		0.10 ± 0.05	15 ± 3	25 ± 3	105 ± 5	NA	Compression Moulding	Footbed
CM 1.7 55 BKT 2		0.20 ± 0.05	32 ± 3	52 ± 3	60 ± 2	≤400 @ 5 N	Compression Moulding	Slide/Sandal
EVA HC 1.6 35		0.15 ± 0.05	20 ± 3	35 ± 3	63 ± 2	≤400 @ 5 N	Compression Molding - Hot & Cold	Unit Sole
EVA HC 2565		0.15 ± 0.05	13 ± 4	25 ± 3	67 ± 2	≤400 @ 5 N	Compression Molding - Hot & Cold	Unit Sole
EVA HC 3560		0.15 ± 0.05	20 ± 3	35 ± 3	64 ± 2	NA	Compression Molding - Hot & Cold	Footbed
EVA HC 4560 RCD		0.15 ± 0.05	28 ± 3	40 ± 3	63 ± 3	≤400 @ 5 N	Compression Molding - Hot & Cold	Unit Sole
EVA 5033		0.33 ± 0.05	40 ± 5	55 ± 3	33 ± 4	≤250 @ 10 N	Injection Molding - Low Abrasion	Unit Sole
EVA 6030		0.30 ± 0.05	38 ± 3	60 ± 3	32 ± 2	≤250 @ 10 N	Injection Molding - Low Abrasion	Unit Sole
EVA 1.65 45 LS		0.19 ± 0.03	30 ± 3	50 ± 3	50 ± 2	≤350 @ 5 N	Injection Moulding	Slide/Sandal

As per requirement all grades are available in different colours, different hardness and different expansion. The properties of the compounds are indicative & represent the values as tested in our laboratories. There is no warranty/guarantee whatsoever. The suitability of the particular application may be verified before use. All our EVA grades are also available in REACH & RoHS

KLJ FLEX

TPR COMPOUND

Properties	Colour	Specific Gravity	MFI	Hardness (Shore A)	Tensile Strength	Elongation at Break	Tear Strength	Abrasion Resistance	Ross Flex-cut growth less than 6 mm in 80K cycles	Bennewart Flex-cut growth less than 6 mm in 30K cycles	Surface Look	Applications
Unit	Visual	gm/10Min		Kg/cm ²	%	Kg/cm	mm ²					
Test Method	KLJ TM	ASTM D792	ASTM D1238	ASTM D2240	ASTM D412	ASTM D412	ASTM D624	ISO 4649	KLJ INTERNAL	SATRA TM 161		
Grades												
KLJ 80 60		1.015 ± 0.02	≥ 35	60 ± 3	≥ 38	≥ 400	≥ 21	≤ 280	Pass	Pass	Shiny	Footwear Soles
KLJ V 09 60		1.01 ± 0.02	≥ 35	60 ± 3	≥ 38	≥ 400	≥ 18	≤ 280	Pass	Pass	Shiny	Footwear Soles
DC A2 60		1.00 ± 0.02	≥ 45	60 ± 3	≥ 40	≥ 520	≥ 20	≤ 250	Pass	Pass	Shiny	Footwear Soles
SPD 60		1.00 ± 0.02	≥ 35	60 ± 3	≥ 35	≥ 440	≥ 22	≤ 250	Pass	Pass	Shiny	Footwear Soles
KT LF 60		0.99 ± 0.02	≥ 35	60 ± 3	≥ 45	≥ 560	≥ 22	≤ 200	Pass	Pass	Shiny	Footwear Soles
KT M10 60		0.99 ± 0.02	≥ 35	60 ± 3	≥ 35	≥ 450	≥ 22	≤ 240	Pass	Pass	Semi Matt	Footwear Soles
MFL 60		0.99 ± 0.02	≥ 40	60 ± 3	≥ 40	≥ 440	≥ 20	≤ 250	Pass	Pass	Shiny	Footwear Soles
KT M15 60		0.98 ± 0.02	≥ 40	60 ± 3	≥ 45	≥ 500	≥ 24	≤ 220	Pass	Pass	Semi Matt	Footwear Soles
KTL 17 60		0.98 ± 0.02	≥ 40	60 ± 3	≥ 45	≥ 500	≥ 22	≤ 230	Pass	Pass	Translucent	Footwear Soles
KT NM 60		0.97 ± 0.02	≥ 40	60 ± 3	≥ 50	≥ 550	≥ 25	≤ 230	Pass	Pass	Shiny	Footwear Soles - Non Marking
CLK 60 N		0.96 ± 0.02	≥ 45	60 ± 3	≥ 45	≥ 600	≥ 24	≤ 200	Pass	Pass	Shiny	Footwear Soles - Stitchable
KT L20 60		0.96 ± 0.02	≥ 35	60 ± 3	≥ 50	≥ 600	≥ 20	≤ 220	Pass	Pass	Translucent	Footwear Soles
SFC SM 60		0.96 ± 0.02	≥ 30	60 ± 3	≥ 40	≥ 440	≥ 22	≤ 250	Pass	Pass	Semi Matt	Semi Matt Soles
KT L28 60		0.94 ± 0.02	≥ 50	60 ± 3	≥ 50	≥ 700	≥ 22	≤ 200	Pass	Pass	Translucent	Footwear Soles - Sports Shoes
KT L29 60		0.94 ± 0.02	≥ 40	60 ± 3	≥ 60	≥ 600	≥ 22	≤ 200	Pass	Pass	Translucent	Footwear Soles - Stitchable
S 6020 HL		0.94 ± 0.02	≥ 35	60 ± 3	≥ 50	≥ 550	≥ 20	≤ 200	Pass	Pass	Translucent	Footwear Soles - Stitchable
KT 57 60		0.92 ± 0.02	≥ 35	60 ± 3	≥ 55	≥ 650	≥ 26	≤ 165	Pass	Pass	Transparent	Footwear Soles
SPX 60		0.92 ± 0.02	≥ 50	60 ± 3	≥ 55	≥ 650	≥ 26	≤ 200	Pass	Pass	Transparent	Footwear Soles
STR 60		0.92 ± 0.02	≥ 30	60 ± 3	≥ 55	≥ 650	≥ 20	≤ 150	Pass	Pass	Transparent	Footwear Soles

SPECIAL GRADES

BTR 60		1.03 ± 0.02	≥ 10	60 ± 3	≥ 18	≥ 400	≥ 10	≤ 300	Pass	Pass	Shiny	Green TPR - Eco Sustainable Soles
KTC 86		0.99 ± 0.02	30 ± 5	86 ± 2	≥ 50	≥ 600	≥ 25	≤ 225	N/A	N/A	Semi Matt	Shoe Welt
KTC 64		0.98 ± 0.02	30 ± 5	64 ± 3	≥ 45	≥ 600	≥ 22	≤ 300	N/A	N/A	Semi Matt	Shoe Welt
KT 11 60 WF CORK		0.96 ± 0.02	≥ 40	6								