

**KLJ VINYL (PVC COMPOUNDS)  
AUTOMOTIVE & PROFILE**

PROPERTIES	Specific Gravity	Hardness (Shore A)	Thermal Stability @ 200°C	Tensile Strength	Elongation at Break	Volatile Loss @ 130°C for 3 Hours	Recommended Processing Temperature	APPLICATIONS
UNIT	NA	NOS.	Minutes (Min.)	Mpa N/mm <sup>2</sup> (Min.)	% (Min)	% (Max)	°C	
TEST METHOD	ASTM D 792	ASTM D 2240	IS 5831	ASTM D638 / IS 10810 (PART 7)		KPCL/QCD/ WIN-2	-	
GRADE								
AYI-70 BK LT	1.18 ± 0.03	70 ± 5	30	9.5	300	-	145 - 175	Oil Resistant Automotive Components
KLJ-40 BK BJ	1.23 ± 0.03	40 ± 5	30	8.0	350	1.0	145 - 180	Glossy Surface, Moulding
KLJ-45 BK	1.23 ± 0.03	50 ± 3	30	8.0	350	1.0	145 - 180	Glossy Surface, Moulding, Foot Rest
KLJ-60 PF/BT-60 PF	1.24 ± 0.02	60 ± 3	60	6.0	250	0.5	145 - 175	Phthalate Free Compounds
KLJ-65	1.45 ± 0.03	77 ± 3	50	13.5	250	0.5	150 - 175	Glossy Surface, Construction Sealing Profile
KLJ-80 HS YELLOW	1.41 ± 0.03	80 ± 3	50	14.0	320	1.0	150 - 175	Glossy Surface, Construction Sealing Profile
KLJ-80 SKY BLUE	1.55 ± 0.03	80 ± 3	50	10.0	200	-	150 - 175	Glossy Surface, Construction Sealing Profile
NP-50 BK	1.18 ± 0.03	60 ± 3	30	10.0	400	0.6	130 - 170	Profile Moulding
NP-75 AM BK LT	1.24 ± 0.03	75 ± 3	25	12.5	300	-	150 - 175	Rubber Compound for Low Temperature application
NP-60 PRT II Z BK	1.27 ± 0.03	60 ± 3	50	9.0	300	0.5	130 - 170	Window Profile Moulding
NP-65 SPL Z BK-LF (M)	1.40 ± 0.03	65 ± 2	100	7.0	300	0.5	150 - 185	Moulding Component
HNPV-55/LF	1.16 ± 0.03	60 ± 3	30	7.8	400	0.5	140 - 170	Sleeves/Grips (Lead Free)
HNPV-65/LF	1.18 ± 0.03	65 ± 3	30	9.8	350	0.5	150 - 175	Auto Component (Lead Free)
IT-90 (Colour)	1.55 ± 0.03	91 ± 3	70	12.0	200	1.0	145 - 175	Inch Tape
Q-50	1.19 ± 0.02	50 ± 3	15	7.0	300	0.75	145 - 175	Automotive Hose Pipes
Q-45 SPL Z BK PF	1.22 ± 0.02	44 ± 3	14	3.0	225	1.5	145 - 175	Automotive Profiles (Phthalate Free)
Q-55 BK BAL	1.25 ± 0.02	55 ± 3		6.0	250	1.0	145 - 175	Automotive Grips
Q-80 BK BAL	1.30 ± 0.02	80 ± 3	25	12.0	225	0.6	145 - 175	Automotive Grips
Q-60 SPL-Z BK F-II	1.34 ± 0.02	67 ± 3	20	9.0	350	0.6	145 - 180	Automotive Components
MC-70 UV	1.37 ± 0.02	70 ± 3	35	8.0	250	-	150 - 180	Chemical/Oil Resistant applications for Automotive Components
RP-78D White/Grey	1.38 ± 0.02	76 - 79 Shore D	25	48.3	-	-	160 - 190	Rigid Moulding Component
SW-85 (Colour)	1.32 ± 0.02	85 ± 3	15	15	250	0.6	145 - 175	Shoe Weld

\* 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.

The above properties are indicative and represent the values as tested in our laboratories. There is no guarantee/warranty what-so-ever. Suitability of the Product for particular application may be verified before use.