

**KIJ VINYL (PVC COMPOUNDS)  
MEDICAL & FOOD (NON TOXIC)**

PROPERTIES	COLOUR	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	-	-	NOS.	Minutes (Min.)	Kg/cm <sup>2</sup> (Min.)	% (Min)	% (Max)	°C	
TEST METHOD	VISUAL	ASTM D 792	ASTM D 2240	IS 5831	ASTM D 638 IS 10810 (PART 7)	KPCL/QCD/WIN-2	-	-	
GRADE									
TFG - 47M	Translucent	1.12 ± 0.02	35 ± 3	25	50	450	0.75	135 - 155	Moulding / Nipples
TFG - 45S	Transparent	1.15 ± 0.02	50 ± 3	15	50	400	0.75	130 - 155	Moulding / Nipples
TFG - TUBE-60 E	Transparent	1.18 ± 0.02	60 ± 3	15	100	350	0.75	130 - 160	Tubing
TFG - 55R	Translucent	1.18 ± 0.02	57 ± 3	15	90	350	0.75	135 - 155	Nose Mask / Tubing
TFG - 2/TFG-2W	Translucent/Opaque	1.19 ± 0.02	65 ± 3	10	100	350	0.75	135 - 155	Tubing, Sealing, Moulding, Cap Liners
TFG - 50 Black	Black	1.20 ± 0.02	55 ± 3	15	90	350	0.75	135 - 150	Moulding / Syringe Gaskets
TFG - 75 OM	Transparent	1.22 ± 0.02	78 ± 3	15	120	280	0.5	130 - 160	Odour-Less Oxygen Mask
TFG - 75 BB M	Transparent	1.22 ± 0.02	78 ± 3	15	150	320	N.A.	150 - 180	Blood Bags
TFG - 33 S	Transparent	1.23 ± 0.02	77 ± 3	10	150	250	0.5	130 - 160	Blood Bags
TFG - 78E	Transparent	1.23 ± 0.02	78 ± 3	15	150	350	0.5	130 - 150	I.V. Sets / Tubing / Catheter
TFG-90M/TFG-90E	Transparent/Colour	1.26 ± 0.02	90 ± 3	15	200	250	0.5	155 - 180	Moulding, Drip Chamber
TFG - 96 APN	Transparent	1.26 ± 0.02	96 ± 2	15	150	250	0.5	155 - 180	Drip Chamber
TFG - 87 TF	Transparent	1.30 ± 0.02	78±3 Shore D	20	315	-	0.5	150 - 180	Thermoforming Food Packaging
TFG - 100B	Transparent	1.31 ± 0.02	100 ± 3	15	275	200	0.5	155 - 180	Rigid Moulding Component
TFG - BM -100	Transparent	1.32 ± 0.02	76±3 Shore D	25	220	180	0.5	150 - 180	Blow Moulding
TFG-78 XRD-300(M)	Light Pink	2.03 ± 0.03	75 ± 3	15	40	200	N.A.	130 - 160	Used in X-Ray Tubing
DINCH BASED PVC COMPOUNDS									
DFG - 47 M	Transparent	1.11 ± 0.02	35 ± 3	25	50	450	0.75	130 - 180	Moulding/Nipples
DFG - 2	Transparent	1.15 ± 0.02	65 ± 3	10	100	350	0.5	155 - 160	Tubing, Sealing, Moulding, Cap Liners
DFG - 65	Transparent	1.16 ± 0.02	65 ± 3	15	100	350	0.75	130 - 160	Tubing
DFG - 70	Transparent	1.17 ± 0.02	70 ± 3	15	120	350	0.5	140 - 160	Tubing
DFG - 80	Transparent	1.19 ± 0.02	80 ± 3	15	150	350	0.5	140 - 165	Tubing
DFG - 90 M	Transparent	1.23 ± 0.02	90 ± 3	15	200	250	0.5	140 - 170	Moulding
DFG - 78 XRD 300	White	1.99 ± 0.02	78 ± 3	15	40	200	N.A.	140 - 165	X-Ray Tubing

All Grades conform to various Indian Standards and Biological tests prescribed under USP Class-VI and ISO 10993.

All Compounds are manufactured under clean room facility and therefore compounds are free from all sorts of contamination.

These compounds are free from all heavy metals.

\* 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.