



**GRADE KG SERIES**

KG GRADE is a Chlorinated paraffin based on a refined short chain length C9–C20 paraffin. It is a versatile and low colour grade used in a number of industries and applications ranging from use as a secondary plasticiser and flame retardant additive in PVC to use in paints, sealants and adhesives.

Further information may be obtained from the website '[www.shiva-group.com](http://www.shiva-group.com)'.

KG GRADE is not classified as hazardous for transport or use and is available in HMHDPE/STEEL drums of 220-275 Kgs Nett weight or in bulk isotainers.

**TECHNICAL DATA SHEET**

GRADE	KG 30	KG 40	KG 50	KG 52	KG 55	KG 58	KG 60	KG 62	KG 65	KG 68	KG 70
SPECIFIC GRAVITY	1100	1200	1300	1320	1350	1380	1400	1420	1450	1480	1500
COLOUR HAZEN (Hu)	65 MAX	65 MAX	70 MAX	70 MAX	70 MAX	80MAX	80 MAX	80 MAX	90 MAX	100 MAX	100 MAX
CHLORINE CONTENT (%W/W)	40-42	44-46	53-54	54-55	56-58	59-60	60-62	62-64	64-66	66-68	69-70
VISCOSITY (27 DEG ) POISE (BROOKFIELD)	<1	<5	10(+5)	25 MAX	40 MAX	60 MAX	80 MAX	120 MAX	280 MAX	375 MAX	550 MAX
FREE MINERAL ACIDITY	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.00010	0.0001	0.0001	0.0001	0.0001
FREE CHLORINE	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL
VOLATILE LOSS (130DEG/3 HRS) %	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
HEAT STABILITY (180 DFG/20 MIN)*	Y(G.Y.)	Y(G.Y.)	Y(G.Y.)	Y(G.Y.)	Y(G.Y.)	Y(G.Y.)	Y(G.Y.)	Y(G.Y.)	Y(G.Y.)	Y(G.Y.)	Y(G.Y.)
PH VALUE	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
REFRACTIVE INDEX ( @ 27 DEG)	1.50	1.51	1.52	1.53	1.54	1.56	1.57	1.51	1.51	1.54	1.54

\*Y = Yellow and G.Y = Golden Yellow

Information in this publication is believed to be accurate and is given in good faith, but it is for the customer to satisfy itself of the suitability for its own particular purpose. Accordingly, Shiva Group gives no warranty as to the fitness of the product for any particular purpose and any implied warranty or condition (statutory or otherwise) is excluded except to the extent that such exclusion is prevented by law. Freedom under Patent, Copyright and Designs cannot be assumed.

Disclaimer:-  
 Color indicated are with Optical Brightner ( OB+ ) only. Without OB+ color increases by 40-50 Hu.  
 Viscosity measured is on specific batch made from specific paraffin range. The viscosity can change depending upon incoming raw material range.  
 TDS prepared is on specific batch of specific paraffin range only. Some minor range bound differences may appear from batch to batch due to change in paraffin range.  
 Samples kept for 12 hours at a specified temperature before conducting test.  
 The specifications are solely checked by SHIVA in house Laboratory and are indicative. All specs needs to be cross examined before confirming commercial deals.  
 This document cannot be used for any legal purpose.

Issued on 31.07.2018

**Corp. Office : "Shiva House" 802-804, Pearl Best Height Tower-II, Netaji Subhash Place  
 Pitampura, New Delhi, PIN-110034 Tel. : 43544444 (100 Lines) Fax : 011-47021304, 43544455  
 E-mail : [info@shiva-group.com](mailto:info@shiva-group.com) • [sales@shiva-group.com](mailto:sales@shiva-group.com)  
[www.shiva-group.com](http://www.shiva-group.com)**