



RE-DEFINING HORIZONS



AN ISO 9001 : 2008  
AN ISO 14001 : 2004  
CERTIFIED GROUP

## KG GRADE

'KG GRADE' is a chlorinated paraffin based on a 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 OF KG GRADE CP PLASTICISER

GRADE	KG38	KG40	KG42	KG45	KG48	KG50	KG52	KG55	KG58	KG60	KG62	KG65	KG68	KG70
SP.GVT @ 25 DEGREES CELCIUS	1170	1200	1220	1250	1280	1300	1320	1350	1380	1400	1420	1450	1480	1500
COLOUR HAZEN (Hu)	25	30	30	30	35	35	35	45	50	55	65	70	90	100
CHLORNE CONTENT (%W/W)	45.0%	48.0%	49.0%	50.0%	52.0%	53.0%	54.0%	58.0%	62.0%	63.0%	65.0%	66.0%	68.0%	70.0%
VISCOSITY (30 DEG ) POISE (BROOKFIELD)	3	7	9	11	14	20	35	40	55	70	110	135	>175	>175
FREE MINERAL ACIDITY	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001 0	0.0001 0	0.0001 0	0.0001 0
FREE CHLORINE	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL
VOLATILE LOSS (130 DEG/3 HRS) %	1.5 MAX	1.5 MAX	1.5 MAX	1.5 MAX	1.5 MAX	1.5 MAX	1.0 MAX	1.0 MAX	1.0 MAX	0.5 MAX	0.5 MAX	0.5 MAX	0.5 MAX	0.5 MAX
HEAT STABILITY (80 DEG/15 MIN)	YELLOW	YELLOW	YELLOW	YELLOW	YELLOW	YELLOW	YELLOW	YELLOW	YELLOW	YELLOW	YELLOW	YELLOW	YELLOW	YELLOW
PH VALUE	6.0	6.0	6.0	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)	1.51	1.55	1.55	1.55	1.54	1.55	1.56	1.57	1.58	1.59	1.595	1.610	1.630	1.640

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