



RE-DEFINING HORIZONS



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

K GRADE

'K GRADE' is a chlorinated paraffin based on a refined 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'.

'K 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 K GRADE CP PLASTICISER

GRADE	K38	K40	K42	K45	K48	K50	K52	K55	K58	K60	K62	K65	K68	K70
SP.GVT @ 25 DEGREES CELCIUS	1170	1200	1220	1250	1280	1300	1320	1350	1380	1400	1420	1450	1480	1500
COLOUR HAZEN (Hu)	30	35	35	35	40	40	45	60	65	75	80	85	95	110
CHLORINE CONTENT (%W/W)	44.8%	48.2%	49.0%	50.0%	51.8%	52.8%	54.0%	57.3%	61.4%	64.8%	64.0%	65.0%	67.0%	69.0%
VISCOSITY (30 DEG) POISE (BROOKFIELD)	3	7	9	11	14	20	35	65	125	>175	125	140	>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	0.0001	0.0001	0.00010
FREE CHLORINE	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL
VOLATILE LOSS (130 DEG/3 HRS) %	0.5 MAX	0.5 MAX	0.5 MAX	0.45 MAX	0.45 MAX	0.40 MAX	0.40 MAX	0.35 MAX	0.30 MAX	0.30 MAX	0.35 MAX	0.35 MAX	0.35 MAX	0.35 MAX
HEAT STABILITY (80 DEG/30 MIN)	GOLDEN YELLOW	GOLDEN YELLOW	GOLDEN YELLOW	GOLDEN YELLOW	GOLDEN YELLOW	GOLDEN YELLOW	GOLDEN YELLOW	GOLDEN YELLOW	GOLDEN YELLOW	GOLDEN YELLOW	GOLDEN YELLOW	GOLDEN YELLOW	GOLDEN YELLOW	GOLDEN 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)	1.484	1.490	1.495	1.500	1.510	1.515	1.520	1.525	1.530	1.535	1.580	1.585	1.590	1.595

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