

GRADE - HD1 SERIES

HD1 GRADE is a Chlorinated paraffin based on a refined short chain length C14-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'.

HD1 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	HD1 40	HD1 48	HD1 50	HD1 58	HD1 60
SPECIFIC GRAVITY	1200	1280	1300	1380	1400
COLOUR HAZEN (Hu)	80 MAX	100 MAX	120 MAX	180 MAX	180 MAX
CHLORNE CONTENT (%W/W)	44-46	52-53	53-54	59-60	60-62
VISCOSITY (27 DEG) POISE (BROOKFIELD)	8 MAX	30 MAX	60 MAX	1400 MAX	1800 MAX
FREE MINERAL ACIDITY	0.0001	0.0001	0.0001	0.0001	0.0001
FREE CHLORINE	NIL	NIL	NIL	nil	NIL
VOLATILE LOSS (130 DEG/3 HRS) %	0.8 MAX	0.20 MAX	0.15 MAX	0.10 max	0.10 MAX
HEAT STABILITY (180 DEG/1 HRS)	GOLDEN YELLOW	GOLDEN YELLOW	GOLDEN YELLOW	DEEP YELLOW	DEEP YELLOW
PH VALUE	6.5	6.5	6.5	6.5	6.5
REFRACTIVE INDEX (@ 27 DEG)	1.49	1.51	1.54	1.56	1.6

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.

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