

F GRADE SERIES

F GRADE is a chlorinated paraffin based on refined short chain length (C9 - C13) Paraffin.

It is a versatile and low colour grade used in a number of industries and applications ranging from use as a secondary Plasticizer and Flame retardant Additives in PVC for use in Paints, Sealants and adhesives.

Further information may be obtained from website '[www. Shivtekspechemi.com](http://www.Shivtekspechemi.com)'.

FSP GRADE is not classified as hazardous for transport or use and is available in HmHDPE/Steel Drums of 220-275 Kgs Net weight or in bulk isotainers.

TECHNICAL DATA SHEET OF F GRADE CP PLASTICIZER

F - GRADE	F 50	F 52	F 55	F58	F60	F62	F 65	F 68	F 70
SP.GVT @ 27 ° C	1300	1320	1350	1380	1400	1420	1450	1480	1490 - 1500
COLOUR HAZEN (Hu)	40 Max	40 Max	40 Max	40 Max	45 Max	45 Max	60 Max	70 Max	70 Max
CHLORINE CONTENT (W/W)	52-53 %	54-55 %	57-58 %	59-60 %	60-62 %	62-64 %	65-66%	67-68%	69-70%
VISCOSITY @27° C POISE (BROOKFIELD)	8 Max	12 Max	30 Max	50 Max	65 Max	90 Max	225 Max	450 Max	800 Max
FREE MINERAL ACIDITY %	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
FREE CHLORINE %	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL
VOLATILE LOSS @130 °C3 HRS %	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
HEAT STABILITY @ 180° C /30 MIN	Yellow - G.Yellow	Yellow - G.Yellow	Yellow - G.Yellow	Yellow - G.Yellow	Yellow - G.Yellow	Yellow - G.Yellow	Yellow - D.Yellow	Yellow - D.Yellow	Yellow - D.Yellow
PH VALUE	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
REFRACTIVE INDEX (@ 27 DEG)	1.5	1.51	1.51	1.54	1.56	1.57	1.58	1.59	1.59

*Y = Yellow & G.Y = Golden Yellow & D.Y = Dark 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:-

Viscosity measured is on specific batch made from specific paraffin range. The viscosity can change from $\pm$ 5-7 poise 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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