

## TPT(SP) GRADE SERIES

**TPT(SP) GRADE** is low Hazen (Colourless), high thermal Plasticizer grade processed from purest raw material hydrocarbons. TPT(SP) Grade is technical assistance from Japanese and United States technocrats and is processed with state-of-the-art ROHS Free techniques and undergoes stringent QC checks. It is fully equipped in-house ABD Lab to ensure consistent quality. TPT(SP) Grade is intermediate (not secondary) Plasticizer best suitable for high thermal transparent application and will reduce Primary plasticizer.

TPT(SP) GRADE is not classified as hazardous for transport or use and is available in HDPE/Steel Drums of 220-275 Kgs Net weight or in bulk isotainers.

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

## TECHNICAL DATA SHEET OF TPT(SP) GRADE CP PLASTICIZER

| GRADE-TPT(SP)                                  | TPT(SP) 30 | TPT(SP) 40 | TPT(SP) 42 | TPT(SP) 45 | TPT(SP) 48 | TPT(SP) 50 | TPT(SP) 52 | TPT(SP) 55 | TPT(SP) 58 | TPT(SP) 60 |
|------------------------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| SP.GVT @ 27 ° C                                | 1100       | 1200       | 1220       | 1250       | 1280       | 1300       | 1320       | 1350       | 1380       | 1400       |
| COLOUR HAZEN (Hu)                              | 15 (+5)    | 15 (+5)    | 15 (+5)    | 15 (+5)    | 15 (+5)    | 15 (+5)    | 15 (+5)    | 20(+5)     | 20(+5)     | 20(+5)     |
| CHLORINE CONTENT (W/W)                         | 30-32      | 44-46      | 47-48      | 49-51      | 52-53      | 53-54      | 54-55      | 56-58      | 59-60      | 60-62      |
| VISCOSITY @27° C POISE (BROOKFIELD)            | <0.5       | <1.5       | <2         | <3         | <5         | 3 (+2)     | 5 (+5)     | 15 (+5)    | 20 (+10)   | 30 (+10)   |
| FREE MINERAL ACIDITY %                         | 0.0001     | 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        | NIL        |
| VOLATILE LOSS @130 °C/3 HRS %                  | NA         | NA         | NA         | NA         | NA         | NA         | NA         | NA         | NA         | NA         |
| HEAT STABILITY @ 180° C /30 MIN (COLOR CHANGE) | Minor      | Minor      | Minor      | Minor      | Minor      | Minor      | Minor      | Minor      | Minor      | Minor      |
| PH VALUE                                       | 6.5        | 6.5        | 6.5        | 6.5        | 6.5        | 6.5        | 6.0        | 6.0        | 6.0        | 6.0        |
| REFRACTIVE INDEX ( @ 27 DEG)                   | 1.43       | 1.44       | 1.46       | 1.48       | 1.48       | 1.5        | 1.51       | 1.51       | 1.53       | 1.55       |

\*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 need to be cross examined before confirming commercial deals.

This document cannot be used for any legal purpose.

Revised Date: 06- AUG -25

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