



RE-DEFINING HORIZONS



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

TPT

TPT GRADE is low Hazen (colourless), high thermal chlorinated paraffin grade processed from purest short chain (C 10-13) normal paraffin. TPT GRADE is technological marvel developed with technical assistance from Japanese and United States technocrats and is processed with state of the art ROHS free techniques and undergoes stringent QC checks in fully equipped in house R&D lab to ensure consistent quality. TPT GRADE is intermediate (not secondary) plasticiser best suitable for high thermal transparent application and will reduce primary plasticiser considerably. TPT Grade is not classified as hazardous for transport or use and is available in HmHdpe/Steel drums, IBC and in bulk tankers.

Further information may be obtained from website 'www.shiva-group.com'.

TECHNICAL DATA SHEET

| GRADE | TPT30 | TPT40 | TPT42 | TPT45 | TPT48 | TPT50 | TPT52 | TPT55 | TPT58 | TPT60 | TPT62 |
|--|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| SP.GVT @ 27 DEGREES CELCIUS | 1100 | 1200 | 1220 | 1250 | 1280 | 1300 | 1320 | 1350 | 1380 | 1400 | 1420 |
| COLOUR HAZEN (Hu) | 20 (+10) | 20 (+10) | 20 (+10) | 20 (+10) | 20 (+10) | 20 (+10) | 20 (+10) | 20 (+10) | 20 (+10) | 20 (+10) | 20 (+10) |
| CHLORINE CONTENT (%W/W) | 40-42 | 44-46 | 47-48 | 49-51 | 52-53 | 53-54 | 54-55 | 56-58 | 59-60 | 60-62 | 62-64 |
| VISCOSITY (27 DEG) POISE (BROOKFIELD) | <0.5 | <1.5 | <2 | <3 | <5 | 7(+2) | 12(+4) | 20(+7) | 25(+10) | 40(+15) | 60(+20) |
| 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 |
| FREE CHLORINE | NIL | NIL | NIL | NIL | NIL | NIL | NIL | NIL | NIL | NIL | NIL |
| VOLATILE LOSS (130DEG/3 HRS) % | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| HEAT STABILITY (180 DEG/30MIN) | Minor colour change | Minor colour change | Minor colour change | Minor colour change | Minor colour change | Minor colour change | Minor colour change | Minor colour change | Minor colour change | Minor colour change | Minor colour change |
| PH VALUE | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 |
| REFRACTIVE INDEX (@ 27 DEG) | >1.5 | >1.5 | >1.5 | >1.5 | >1.5 | >1.5 | >1.5 | >1.5 | >1.5 | >1.5 | >1.5 |

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Disclaimer:-

Color indicated are with Optical Brightner (OB+) only. Without OB+ color increases.

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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