





TRI-ISODECYL TRIMELLITATE (TIDTM)

Properties TIDTM is a monomeric plasticizer useful in PVC and other chlorinated thermoplastic that must withstand a temperature of 105 °C.

TIDTM due to higher boiling point, it has the properties of zero volatility and no migration. It is extremely resistant to the aqueous agents, but quite sensible to the oils and hydrocarbons. We recommend blending with a polymeric plasticizer.

TIDTM is very stable to the action of chemical and external agents. For this reason, it does not produce yellowish in processing by effect of light.

TIDTM has high dielectric resistance. For this reason, it is an ideal plasticizer for electrical wire.

TIDTM has lower volatility and higher molecular weight than TM C9 and can be used as antifogging as does not reach 0.5 mg in the air.

- Application TIDTM is used in applications in the thermoplastic industry, due to its properties like low volatile loss, low temperature performance, dielectric resistively and fogging resistance. It is also a good plasticizer for acrylic emulsions and inks. Due its wide spectrum of temperatures is a substitute for others more expensive plasticizers. In the lubricants industry, it is highly valued for its low volatility, good thermal stability and good oxidation stability. Outstanding hydrolytic resistance that prevents the degradation of lubricants and the corrosion of metals. Additive in general in this sector. Conditioner for cosmetic.
- Packing &TIDTM is packed in 200/225 kg iron drum/ HDPE drum,20–22 fcl flexi tank or in roadStoragetanker. It is stored in tightly closed container, in a cool, dry and ventilated area.
- Shelf Life It keeps the original characteristics minimum for 24 months, if kept in recommended storage
- Safety The MSDS can be provided on request.

Disclaimer The data contained in this publication are based on our current knowledge and experience. During processing, there are so many factors which may affect the application part of TIDTM, so these data neither imply any guarantee of certain properties, nor the suitability of the product for the specific purpose. Any data given in this publication may change without prior information and do not constitute the agreed quality of our product.

Total Solution in Plasticizers

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