



**Typical Physical Properties**

The following data were measured in the BASF Corp. laboratory. They do not represent any legally binding guarantee of properties for our sales product.

	Value
Pour point, °C	-46
Flash point (COC), °C	250
Odor	mild characteristic
Surface Tension, mN/m	31.3
Solution Temperature, °C	141
Plastisol Gelation Temperature, °C	145
Vapor Pressure @ 20 °C, mbar	< 0.01
Solubility @ 25 °C in water, mg/L	< 0.01

**Viscosity & Density Data**

Temperature (°C)	Dynamic viscosity (cP)	Density (g/cm <sup>3</sup> )
-10	4,321	1.011
0	1,483	1.003
10	622	0.996
20	292	0.988
40	85.0	0.974
60	32.9	0.960
80	15.7	0.945

**Description**

Palatino® TOTM is a primary, branched monomeric plasticizer for vinyl homopolymer and copolymer resins. Palatino® TOTM is suggested for use in those end-use areas where extreme low volatility is required.

Palatino® TOTM can be blended with Palatino® 111P-I to optimize cost-performance in medium to high temperature compounds.

**Applications**

Palatino® TOTM provides desirable properties in vinyl applications which require good plasticizer/resin compatibility, low volatility, resistance to extraction by soapy water and good electrical properties.

Palatino® TOTM is often a good substitute for polyester polymeric plasticizers where improvements in processing are desired.

Palatino® TOTM is suitable alone or in combination with Palatino® 111P-I for:

- 90 °C and 105 °C wire insulation
- interior automotive applications (instrument panel skins).

**Safety**

Based on toxicity studies, Palatino® TOTM has a low order of toxicity and does not require special handling. Handle in accordance with good industrial hygiene and safety practices. Avoid eye contact by wearing personal protective equipment. If eye contact occurs, wash with flowing water and contact physician.

Avoid repeated or prolonged skin contact. Avoid breathing vapors by providing adequate ventilation.

Always refer to the Safety Data Sheet (SDS) for detailed information on safety.

**Storage and Handling**

Palatino® TOTM can be stored for one year at temperatures below 40°C, if moisture is excluded.

**Packaging**

Palatino® TOTM is available in bulk, tank trucks or rail cars.

**Contact Information****Marketing**

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**Note**

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