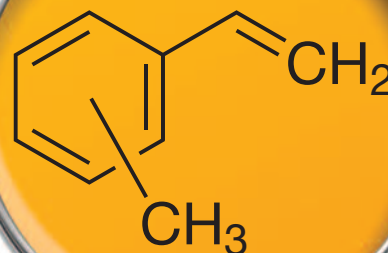


VINYL TOLUENE

AN ALTERNATIVE FOR STYRENE FOR WIDE SPECTRUM OF APPLICATIONS

Whyte Chemicals is working in cooperation with sole manufacturer Deltech to promote and distribute Vinyl toluene throughout Europe, offering various possibilities in terms of formulation and properties.



**DELTECH
CORPORATION**

TYPICAL APPLICATIONS

- Modified alkyd resins
- Vinylester resins
- Unsaturated polyester resins
- Moulding compounds and composites
- High solid low VOC coatings
- Fast drying coatings

	VT	Styrene
Boiling Point °C/°F	168/334	145/293
Flash Point °C/°F	53/127	32/89
Water Solubility 25°C	89 ppm	320 ppm
Vapour Pressure		
60°C	13 mmHg	38 mmHg
100°C	83 mmHg	190 mmHg

BENEFITS

- Good solubility with aliphatic and low aromatic solvents for flexible formulations, affinity with oils
- Compatibility with acrylates and methacrylates
- Good hydrophobic properties and resistance to corrosion
- Quick solvent release
- Reduced defects and better dimensional stability thanks to lower shrinkage and lower exotherm on polymerisation
- Low viscosity of the monomer: VT can be used as reactive diluent to keep system viscosities low
- Higher flash point and boiling point
- Lower vapour pressure

➔ **Safer working environment vs styrene**
➔ **VOC emission reductions vs styrene**



CHEMICALS

Local service, global reach

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