

ROSTABIL TPP

CHEMICAL NAME	Triphenyl phosphite
CAS NUMBER	101-02-0
FUNCTION	Antioxidant, Thermal & Processing Stabilizer, Heat Stabilizer
TECHNICAL REQUIREMENTS	Appearance..... homogeneous, clear liquid Hazen Colourmax. 50 Acid value, mg KOH/gmax. 0.5 Density at 25 °C, g/cm ³ 1.180-1.186 Refraction Index n_D^{25} 1.587-1.590 Phenol content, % (w/w)max. 1.0 Phosphorus content, % (w/w) 9.8-10.0
GENERAL DATA	Solubility in waterpractically insoluble, hydrolyses Other solvents acetone chloroform Molecular weight, g/mol..... 311 Odourphenol Melting point, °C about 22
APPLICATION	Used as a thermal & processing stabilizer and/or antioxidant in plastics as well as paint and varnish industries. It is also a raw material for the trans-esterification.