

JIANGXI KOSIN FRONTIER TECHNOLOGY CO., LTD.

TECHNICAL DATA SHEET OF TRIMETHYLOLPROPANE

Abbreviation Name: TMP **Molecular Formula**: $C_6H_{14}O_3$ **Molecular Weight**: 134.18

Product Appearance: White flake crystal

PRODUCT QUALITY SPECIFICATION:

Item	Index
TMP content, %	≥99.0
Hydroxyl Value, %	≥37.5
Acidity (based on formic acid), %	≤0.002
Ash content, %	≤0.005
Moisture, %	≤0.05
Melting point (final), °C	≥58
Hazen (Pt-Co)	≤20

APPLICATIONS:

Important applications areas: Alkyd resins, Polyurethanes, Radiation curing monomers, Synthesize lubricant, Plasticizer, Printing ink, Pigment treatment, Textile auxiliary, PVC stabilizers etc.

STORAGE AND DELIVERY REQUIREMENT:

TMP is hygroscopic and should keep dry at low temperature preferably below 30° C to avoid caking.

Test method

TMP Content By Meteorological chromatograph

Hydroxyl value Calculate by fix formula according TMP content

Acidity Titration reagent

Ash content Burn

Moisture Moisture meter

Melting Point Melting point meter

Haze color Color comparator