



Kosin

JIANGXI KOSIN FRONTIER TECHNOLOGY CO., LTD.

TECHNICAL DATA SHEET OF TRIMETHYLOLPROPANE

Abbreviation Name: TMP

Molecular Formula: C₆H₁₄O₃

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