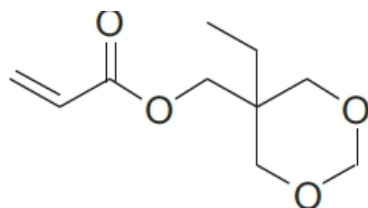


CYCLIC TRIMETHYLOLPROPANE FORMAL ACRYLATE

INTRODUCTION

CTFA is a mono-functional monomer with low viscosity, good hardness and good hard solvent resistance. It can provide fast curing speed and good film performance.

CHEMICAL STRUCTURE



PERFORMANCE HIGHLIGHTS

- Low viscosity
- Good hardness
- Fast curing speed
- Good solvent resistance

SUGGESTED APPLICATION

- UV plastic coating
- UV VM coating

PHYSICAL AND CHEMICAL PROPERTIES

Appearance at 25°C	Clear liquid
Color, Apha	max. 100
Specific Gravity at 25°C	1.08 - 1.11
Viscosity, mPa.s at 25°C	12 - 18
Acid Value, mg KOH/ g	max. 0.5
Inhibitor (MEHQ), ppm	100 - 300
Moisture, %	max. 2

TYPICAL CURED PROPERTIES

Tensile strength, psi (MPa)	1000 (7)
Elongation at break, %	94
Young' modulus, psi (MPa)	3800 (26)
Glass transition temperature, °C	28

STORAGE AND HANDLING

Protect from direct sun rays and heat sources; the shelf life under normal condition is 12 months maximum.

STATUTORY LABELING

For Statutory Labeling information, please refer to the Safety Data Sheet.