

n-BMA (n-Butyl methacrylate)

Specification

Item	Unit	Spec
Purity	wt %	99.6 Min.
Color (APHA)	-	5 Max.
Water	ppm	500 Max.
Acid (as MAA)	ppm	50 Max.
Inhibitor (MEHQ)	ppm	15 ± 2

* MEHQ : hydroquinone monomethyl ether

Properties

Properties	Unit	Value
Molecular weight	g/mol	142.2
Chemical formula	-	$\text{CH}_2=\text{C}(\text{CH}_3)\text{COOC}_4\text{H}_9$
Specific gravity	g/cm ³	0.886~0.892
Boiling point	°C	163
Freezing point	°C	-50
Heat of polymerization	kcal/kg	95
Solubility (water)	g/100g	0.6
Flash point (closed cup)	°C	50
Auto-ignition point	°C	290
Limits of flammability	vol %	1.0~8.0

REMARKS : The listed values should be used for reference purpose only.