

Cetane Improver/2-Ethylhexyl nitrate

Introduction

Trade Name: Cetane Improver

Chemical Name: 2-Ethylhexyl nitrate

Application

Diesel additive, used to improve cetane number of diesel oil.

Composition

Iso-octyl nitrate, 2-ethylhexyl nitrate content $\geq 99.5\%$

Specifications

Item	Unit	Specification	Test Method
Appearance	Transparent clear liquid	Transparent clear liquid	Visual
Color	APHA	≤ 50	Coloration (ISO 2211)
Density at 15°C	g/cm ³	0.967 ± 0.005	Digital Density Meter
Purity	%	≥ 99.5	GC
Alcohol Content	%	≤ 0.5	GC
Water Content	ppm	≤ 450	Karl Fischer (SH/T0246)
Acidity (HNO ₃)	ppm	≤ 30	Potentiometry (GB/T 258)

Package & Storage

1. Packed in 200L (195KGS) metal drum or IBC-Tank (900KGS) or ISO-Tank (22000KGS).
2. Store in a cool, ventilated and dry warehouse, away from fire and heat source.
3. The storage temperature should not exceed 60°C.