

Technical Data Sheet

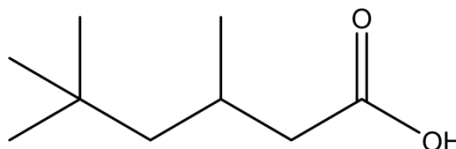
Dec. 25, 2025

ISONONANOIC ACID

Isononanoic acid is normally used as a critical carboxylic acid intermediate that serves various purposes. The key content 3,5,5-Trimethylhexanoic acid features industry-leading monomer content above 99.5%.

Applications

- Polyol ester synthetic lubricants,
- Paint driers
- Corrosion inhibitor in coolants
- Alkyd resins
- Acid chlorides
- Cosmetics



Packaging: Drum 185 kg, IBC 900 kg

Bulk Packaging: Flexitank, ISO tank

Physical Properties

Item	Method	Result
Formula	/	C ₉ H ₁₈ O ₂
Molecular Weight	/	158.238
Acid Value mg KOH/g	GB/T 7304-2014	350 (min)
Purity wt %	GB/T 9722(GC)	99.5 (min)
Color (Pt-Co)	GB/T-3143	10 (max)
Density at 20°C g/cm ³	GB/T 4472-2011	0.901
Boiling Point °C at 760mm Hg	GB/T 25482-2010	243.3
Flash Point °C	GB/T 616-2006	125
Refractive Index n (20°C/D)	GB/T 6488	1.438
Moisture Content wt %	GB/T 6283-2008	0.1 (max)

Registry Numbers

CAS Number	3302-10-1
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Above data are intended to serve as guides only, and are not sales specification limits.

JYT Chemical

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