



ISONONANOIC ACID

Technical Data Sheet

Aug. 12, 2024

ISONONANOIC ACID M

Isononanoic Acid M is an isomer mixture used as a branched-acid intermediate in synthetic lubricant esters, paint driers, coolant corrosion-inhibitor systems, and alkyd resins.

Applications

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

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	/	158.2
Acid Value mg KOH/g	Q/T-JYT01-2017	340 (min)
Purity (Sum of isomers) wt %	Q/T-JYT02-2017	99 (min)
Color (Pt-Co)	GB/T-3143	10 (max)
Moisture Content wt %	GB/T 6283-2008	0.1 (max)
Density at 20°C g/cm ³	GB/T 4472-2011	0.90~0. 92
Boiling Point °C at 760mm Hg	GB/T 25482-2010	228
Closed Cup Flash Point °C	GB/T 616-2006	130
Refractive Index n (20°C/D)	GB/T 6488	1.427

Above data are intended to serve as guides only, and are not sales specification limits.

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