

Technical Data Sheet

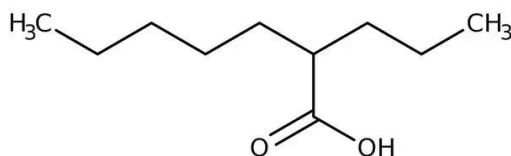
Apr. 1, 2023

2-PROPYLHEPTANOIC ACID

2-Propylheptanoic acid (2-PHA) is a C10 branched carboxylic acid used in lubricant and grease intermediates, metalworking fluids, and PVC stabilizer production.

Applications

- Lubricants
- Greases
- Metalworking Fluids
- PVC Stabilizer



Packaging: Drum 185 kg, IBC 900 kg

Bulk Packaging: Flexitank, ISO tank

Physical Properties

Item	Method	Result
Formula	/	C ₁₀ H ₂₀ O ₂
Molecular Weight	/	172.26
Acid Value mg KOH/g	GB/T 7304-2014	320 (min)
Purity wt %	GB/T 9722(GC)	99 (min)
Color (Pt-Co)	GB/T-3143	20 (max)
Moisture Content wt %	GB/T 6324.8	0.1 (max)
Density at 20°C g/cm ³	GB/T 4472-2011	0.900~0. 903
Boiling Point °C at 760mm Hg	GB/T 25482-2010	272
Closed Cup Flash Point °C	GB/T 616-2006	142
Refractive Index n (20°C/D)	GB/T 6488	1.441

Registry Numbers

CAS Number	31080-39-4
EINECS	881-291-9

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

JYT Chemical

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