

TECHNICAL DATA SHEET

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NONENE

PRESENTATION:

Nonene is a branched olefin produced by the polymerization of propylene. Nonene is also referred to as propylene trimer. Nonene is used to produce nonylphenol, isodecyl alcohol, neodecanoic acid and branched mercaptans.

APPLICATIONS:

Major applications include plasticizers, surfactants, lubricating oil additives and polymerization modifiers.

TYPICAL PROPERTY

PROPERTY		UNIT	TYPICAL	TEST METHOD
Appearance			Bright & clear	
Olefins content		wt %	99.2	GC*
Density at 15 °C		g/cm ³	0.740	ASTM D 4052*
Colour		Pt-Co	5	ASTM D 1209*
Carbon Distribution	< C9	wt %	2.1	GC *
	C9	wt %	91.3	
	> C9	wt %	6.6	
Distillation	IBP	°C	132.3	ASTM D 1078*
	DP	°C	142.7	
Peroxide content		wt ppm H ₂ O ₂	2	ASTM D 2340*
Sulphur content		wt ppm	3	ASTM D 5453*
Chloride (organic)		mg/kg	< 1	UOP 779 / M.C.*

*or equivalent method

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