

TECHNICAL DATA SHEET

Ref.no: T_TET
Rev.no: 02
Date: 23-03-2015

TETRAMER

PRESENTATION:

Tetramer is a branched olefin produced by the polymerization of propylene. Tetramer is also referred to as propylene tetramer. It is preferred name for branched C12 olefin. Tetramer is used to produce t-dodecyl mercaptans, dodecylbenzene, dodecylphenol and tridecyl alcohol.

APPLICATIONS:

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

TYPICAL PROPERTY

PROPERTY	UNIT	TYPICAL		TEST METHOD
		BX grade	B Grade	
Density at 20 °C	g/cm ³	0.765		ASTM D 4052*
Olefins	% wt	99.1		ASTM D 1319 modified*
Saybolt Color		+ 30		ASTM D 156*
Water	mg/kg	< 100		ASTM D 1364*
Boiling Range (at 760 mm Hg)	IBP	181	177	ASTM D 1078*
	DP	201	207	
Sulphur	% wt	4		ASTM D 5453*
Carbon distribution	C9 & lower	0,5	2,7	GC*
	C10	5,3	9.4	
	C11	14,4	12,9	
	C12	75,6	64,0	
	C13	3,7	6.7	
	C14	0,5	3.2	
	C15 & higher	< 0,1	1.1	

*or equivalent method

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