

Specifications for Nonylphenol

Parameter	Value
Molecular Formula	Mixture of monoalkylphenols
Mol Wt	220.35
CAS #	[25154-52-3]
Description	Clear viscous liquid without sediments
Density in g/cc at 27/27 deg cel	0.944 – 0.946
Distillation range in deg cel	288 - 310
Assay (%)	99.0 min
Content of Dinonylphenol (%)	1.0 max
Content of phenol	0.1 max
KF water (%)	0.05 max
Hydroxyl value in mg KOH/g	247-249

Uses

Industry	Application
Process and Manufacturing	In mfr of NP-ethylene oxide condensates
Polymer	In mfr of oil soluble phenolic resins
Lubricants	In mfr of corrosion inhibitors used in lubricating oil
Flame Retardant	In mfr of inorganic acid-based esters of NP
Agrochemicals	In formulations of agrochemicals