Specifications for Phenol

Parameter	Value
Molecular Formula	C6H6O
Mol Wt	94.11
CAS #	[108-95-2]
Description	Clear to light pink, free from suspended matter, at 41 deg cel
Solubility	10 g material + 120 ml distilled water should result into a clear solution at 27 deg cel
Density @27/27 deg cel	1.018 – 1.019
Purity (%)	99.5 min
Set Point in deg cel	40.5 min
Moisture (%)	0.1 max
ROE (%)	0.10 max

Uses

Industry	Application
Colourants	In mfr of p-, o- and m-nitrophenols used in dyestuff industries In manufacture of chloro- and bromo-phenols used in dyes, agro and pharma industries
Polymer	In mfr of PF resin In mfr of bisphenol A In mfr of styrenated phenol
Surfactant	In mfr of alkylphenols such as nonylphenols
Detergent	In mfr of ethoxylated phenols used as surfactants in detergent industries

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