



Dephenolized Cresylic Acid

A product of Dakota Gasification Company

Typical Results (Results are average of 94 railcars loaded Nov 2020-Nov 2021)

<u>Parameter</u>	<u>Units</u>	<u>Typical Result</u>
Phenol	Wt %	1.4
Ortho Cresol	Wt %	18.9
2,6-Xylenol	Wt %	0.5
Meta-Cresol	Wt %	30.6
Para-Cresol	Wt %	23.7
Ortho-Ethylphenol	Wt %	1.8
2,4 + 2,5-Xylenol	Wt %	7.6
2,3-Xylenol	Wt %	1.01
3,5-Xylenol	Wt %	2.31
Para-Ethylphenol	Wt %	2.92
Meta-Ethylphenol	Wt %	2.5
3,4-Xylenol	Wt %	0.64
<i>Subtotal C7 & C8 Phenolics</i>	Wt %	93.9
C9 Phenolics	Wt %	1.1

Impurities		
Water	Wt %	0.01
Guaiacol	Wt %	2.9
Dihydric Phenols	Wt %	0.07
Neutral Oils	Wt %	1.03
Tarbases	Wt %	<0.005
Total Sulfur Compounds	Wt %	0.04
Others (includes pitch, methyl substituted guaiacols, C10 phenolics, non-catechol dihydroxy phenols, and unidentified nitrogen compounds)	Wt %	1
Misc		
GCV	BTU/lb	14770
Specific Gravity		1.0155