



Texan Stone LLC
DBA Texan Minerals and Chemicals

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Dephenolized Cresylic Acid

Typical Results (Results are average of 150 railcars loaded July 2008-July 2009)

| Parameter | Units | Typical Result |
|----------------------------|-------|----------------|
| Phenol | Wt % | 0.4 |
| Ortho Cresol | Wt % | 20.3 |
| 2,6-Xylenol | Wt % | 0.8 |
| Meta-Cresol | Wt % | 32.8 |
| Para-Cresol | Wt % | 20.2 |
| Ortho-Ethylphenol | Wt % | 1.7 |
| 2,4+2,5-Xylenol | Wt % | 6.9 |
| 2,3-Xylenol | Wt % | 1.1 |
| 3,5-Xylenol | Wt % | 2.1 |
| Para-Ethylphenol | Wt % | 3 |
| Meta-Ethylphenol | Wt % | 2.9 |
| 3,4-Xylenol | Wt % | 0.6 |
| Subtotal C7 & C8 Phenolics | Wt % | 92.4 |
| C9 Phenolics | Wt % | 0.9 |

| | | |
|--|--------|--------------|
| impurities | | |
| Water | Wt % | 0.04 |
| Guaiacol | Wt % | 3.3 |
| Dihydric Phenols | Wt % | 0.06 |
| Neutral Oils | Wt % | 1.2 |
| Tarbases | Wt % | < 0.005 |
| Total Sulfur Compounds | Wt % | 0.04 |
| Others (Includes pitch, methyl substituted guaiacols, C10 Phenolics, Non-Catechol Dihydroxy phenols, Unidentified Nitrogen Compounds) | Wt % | 1 |
| Total | Wt % | 99.34 |
| GCV | BTU/lb | 14770 |
| Specific Gravity | | 1.0155 |