



Chevron Phillips Chemical Company Issued Sales Specification

Name of Product
T-BUTYL MERCAPTAN

Revision Date
3/28/2012

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Test	Units	Method	Typical	Minimum	Maximum	Qualitative	Note
Appearance	---	Visual	Clear with no particulate matter	---	---	Clear with no particulate matter	---
Distillation - 95%	CEL	ASTM D-1078	64.1	---	68	---	---
Distillation - IBP	CEL	ASTM D-1078	63.5	60	---	---	---
Ethyl Mercaptan	WT%	Chromatography	---	---	0.05	---	---
Half Doctor Test	---	ASTM D-235	Pass	---	---	Pass	---
t-Butyl Mercaptan	WT%	Chromatography	99.8	99.0	---	---	---
Other	Units	Method	Typical	Minimum	Maximum	Qualitative	Note
Coefficient of Expansion, 1/deg C (Literature Value)	---	---	0.00103	---	---	---	---
Density @ 60 F	LB/GAL	ASTM D-4052	6.71	---	---	---	---
Flash Point, FAH (Estimated)	---	---	-15	---	---	---	---
Freezing Point	FAH	ASTM D-5972	34	---	---	---	---
Mercaptan Sulfur	WT%	CPChem SLP-1204	35.5	---	---	---	---
Specific Gravity 60/60F	---	ASTM D-4052	0.806	---	---	---	---
Vapor Pressure @ 100.4 F, PSI	PSI	ASTM D-5191	5.9	---	---	---	---
Viscosity @ 68F, cP (Literature Value)	---	---	0.638	---	---	---	---

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