

07307 TOLUENE

Product Description : CITGO 's Toluene is a narrow range, low-boiling C7 aromatic hydrocarbon. Toluene is a clear, colorless, flammable liquid that is miscible with most common organic solvents and it has a light aromatic odor. CITGO 's Toluene meets the standard of ASTM D841 for Nitration Grade quality, meets Mil Spec TT-T-548F and ACS requirements. Specifications and typical properties are listed below. See the MSDS for safety/regulatory information.

Property Description	Units	Specifications	Typical Properties	*ASTM Test Method
ACID WASH COLOR, ACID PHASE		2 MAX	0	D-848
ACID WASH COLOR, OIL PHASE		NO CHANGE	NO CHGE	D-848
ACIDITY		NO FREE ACID	NONE	D-847
ACIDITY OF RESIDUE			NEUTRAL	D-1093
ANILINE POINT (MIXED)	DEGF		47	D-611
API GRAVITY (60/60 F)	DEG API		30.8	D-287
BENZENE CONTENT	WT%	0.09 MAX	<0.03	GC
C8 AROMATICS	VOL%		0.05	GC
COLOR, SAYBOLT		+28 MIN	+30	D-156
COPPER CORROSION		1.2 MAX	1.1	D-849
DENSITY @ 60 F (15.6 C)	LB/GAL		7.26	D-287
DISTILLATION RANGE	DEGC	1.0 MAX	0.5	D-850
DISTILLATION, IBP	DEGC	109.6-110.6	110.3	D-850
DISTILLATION, 50%	DEGC		110.6	D-850
DISTILLATION, DP	DEGC	110.6-111.6	110.8	D-850
EVAPORATION RATE(nBUAC=1)			1.90	D-3539
FLASH POINT (TCC)	DEGF		48	D-56
KAURI-BUTANOL VALUE (KB)			105.1	D-1133
OLEFINS	PPM		<5	D-1159
REFR INDEX (TYPICAL@ 20 C)			1.4933	D-1218
SOLUBILITY PARAMETER			9.1	
SPECIFIC GRAVITY (60/60 F)		0.8690 - 0.8730	0.872	D-287(cal'd)
SULFUR AS H2S/SO2		NO H2S/SO2	NONE	D-853
SULFUR CONTENT	PPM	10 MAX	<1	D-5453
TOLUENE CONTENT	WT%	99.7 MIN	99.9	GC
TOTAL SATURATES	VOL%		<0.02	GC
VAPOR PRESSURE @ 20 C	TORR		23.8	D-5191
VISCOSITY @ 20 C	cSt		0.69	D-445