

제 품 규 격 (PRODUCT SPECIFICATION)

제품(Product)	TOLUENE		
문서번호 (Document No.)	Y-PROD-020	개정번호(Revision No.)	2 - 00
		제/개정일(Revision Date)	2016. 01. 25.
BTX공정에서 생산된 제품으로 페인트, 고무 및 첨가제 등의 원료로 사용된다.			
Toluene is produced from BTX plant and utilized as the solvent of paint, rubber, additive, etc.			

분석항목 (Test Item)	단위 (Unit)	분석방법(Test Method)	규격(Specification)
APPEARANCE	-	VISUAL	*
Sp. Gr. (60/60°F)	-	ASTM D 4052	0.8690 ~ 0.8730
APHA COLOR (Pt-Co)	-	ASTM D 1209	MAX 20
DISTILLATION RANGE (at 760mmHg)	°C	ASTM D 850	MAX 1 (INCLUDING 110.6°C)
ACID WASH COLOR	-	ASTM D 848	MAX PASS WITH 2
ACIDITY	mgNaOH/100mL	ASTM D 847	NONE DETECTED
T-SULFUR	Wt-ppm	ASTM D 7183	MAX 8
COPPER CORROSION	-	ASTM D 849	PASS
WATER	Wt-ppm	ASTM D 1744	RECORD
BENZENE	Wt-%	ASTM D 7504	RECORD
TOLUENE	Wt-%	ASTM D 7504	RECORD
NON AROMATIC	Wt-%	ASTM D 7504	MAX 1.37

품보/R&D팀장 장 성 보

QA/R&D Team Manager S. B. CHANG

장성보

제 품 규 격 (PRODUCT SPECIFICATION)

제품(Product)	HIGH PURITY TOLUENE		
문서번호 (Document No.)	Y-PROD-031	개정번호(Revision No.)	1 - 00
		제/개정일(Revision Date)	2016. 01. 25.
BTX 공정에서 생산된 제품으로 TDI(TOLUENE DIISOCYANA-TE)의 원료로 사용된다.			
Toluene is produced from BTX plant and utilized as the raw material of Toluene Diisocyanate.			

분석항목 (Test Item)	단위 (Unit)	분석방법(Test Method)	규격(Specification)
APPEARANCE	-	VISUAL	*
APHA COLOR (Pt-Co)	-	ASTM D 1209	MAX 20
ACID WASH COLOR	-	ASTM D 848	MAX PASS WITH 2
TOLUENE	Wt-%	ASTM D7504	MIN 99.8
OTHER AROMATICS & NON AROMATICS	Wt-ppm	ASTM D 7504	MAX 2,000
NON AROMATICS	Wt-ppm	ASTM D 7504	MAX 1,800
WATER	Wt-%	ASTM D 1364	MAX 0.02
T-SULFUR	Wt-ppm	ASTM D 7183	MAX 8
RESIDUE ON EVAPORATION	Wt-ppm	ASTM D 268	MAX 50

*Clear liquid free of sediment and haze when observed at 18.3~25.6℃

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