

제 품 규 격 (PRODUCT SPECIFICATION)

제품(Product)	1,3-BUTADIENE		
문서번호 (Document No.)	Y-PROD-013	개정번호(Revision No.)	2 - 00
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혼합 C4 유분을 원료로 추출증류공정에서 생산된 제품이며 합성고무 및 수지제품의 원료 등으로 사용된다.			
1,3-butadiene is the extractive of mixed C4 and utilized as the raw material of synthetic rubber & resin, etc.			

분석항목 (Test Item)	단위 (Unit)	분석방법(Test Method)	규격(Specification)
1,3-BUTADIENE	Wt-%	ASTM D 2593	MIN 99.5
1,2-BUTADIENE	Wt-ppm	ASTM D 2593	MAX 50
T-ACETYLENE	Wt-ppm	ASTM D 2593	MAX 60
PROPADIENE	Wt-ppm	ASTM D 2593	MAX 50
C5'S	Wt-ppm	ASTM D 2593	MAX 20
CARBONYLS (as ACETALALDEHYDE)	Wt-ppm	ASTM D 4423	MAX 30
SULFUR (as H ₂ S)	Wt-ppm	ASTM D 6667	MAX 10
PEROXIDE (as H ₂ O ₂)	Wt-ppm	ASTM D 5799	MAX 10
DIMER	Wt-%	ASTM D 2426	MAX 0.1
NON VOLATILE MATTER	Wt-%	ASTM D 1025	MAX 0.1
SOLVENT (as DMF)	Wt-ppm	BY GC	RECORD
INHIBITOR (as TBC)	Wt-ppm	ASTM D 1157	AS REQUIRED
WATER	Wt-ppm	ASTM D 1744	MAX 100

품보/R&D팀장 장 성 보

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장성보