

제 품 규 격 (PRODUCT SPECIFICATION)

제품(Product)	HIGH PURITY HYDROGEN		
문서번호 (Document No.)	Y-PROD-002	개정번호(Revision No.)	2 - 00
		제/개정일(Revision Date)	2016. 01. 25.
NCC공정에서 생산된 제품이며, 각종 수첨반응기 및 공업용 연료 등으로 사용된다.			
Hydrogen is produced from naphtha cracker and utilized as the raw material of hydrogenation treatment unit & industrial fuel, etc..			

분석항목 (Test Item)	단위 (Unit)	분석방법(Test Method)	규격(Specification)
HYDROGEN	M-%	ASTM D 2504	MIN 99.9
OXYGEN	M-ppm	ASTM D 2504	MAX 10
NITROGEN	M-ppm	ASTM D 2504	MAX 50
CARBON MONOXIDE	M-ppm	ASTM D 2504	MAX 1
CARBON DIOXIDE	M-ppm	ASTM D 2505	MAX 1
METHANE	M-ppm	ASTM D 2505	MAX 100
ETHYLENE	M-ppm	ASTM D 2505	RECORD
ETHANE	M-ppm	ASTM D 2505	RECORD
C3'S	M-ppm	ASTM D 2505	RECORD
SULFUR (as H ₂ S)	M-ppm	ASTM D7652	MAX 5
WATER	M-ppm	DEW POINT	MAX 5

품보/R&D팀장 장 성 보

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



제 품 규 격 (PRODUCT SPECIFICATION)

제품(Product)	LOW PURITY HYDROGEN		
문서번호 (Document No.)	Y-PROD-003	개정번호(Revision No.)	1 - 00
		제/개정일(Revision Date)	2016. 01. 25.
NCC공정에서 생산된 제품이며, 각종 수첨반응기 및 공업용 연료 등으로 사용된다.			
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분석항목 (Test Item)	단위 (Unit)	분석방법(Test Method)	규격(Specification)
HYDROGEN	M-%	ASTM D 2504	MIN 95
CARBON MONOXIDE	M-ppm	ASTM D 2504	MAX 10
CARBON DIOXIDE	M-ppm	ASTM D 2505	MAX 10
METHANE	M-%	ASTM D 2505	RECORD
ETHYLENE	M-ppm	ASTM D 2505	RECORD
ETHANE	M-ppm	ASTM D 2505	RECORD
C3'S	M-ppm	ASTM D 2505	RECORD
SULFUR (as H2S)	M-ppm	ASTM D7652	MAX 5
WATER	M-ppm	DEW POINT	MAX 10

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