



제151호 (1/2)

국제공인시험기관인정서

기 관 명 : 한국화학연구원

대 표 자 : 오 헌 승

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사 업 장 소 제 지 : 대전광역시 유성구 장동 100

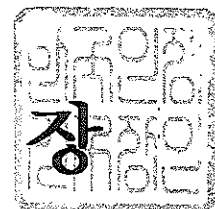
유효 기 간 : 2011년 1월 21일 ~ 2015년 1월 20일

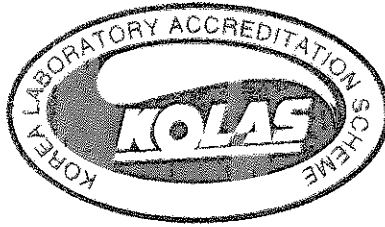
인정분야 및 범위 : 별첨

상기 시험기관을 KS Q ISO/IEC 17025:2006 인정요건 및 국가표준기본법 제23조의 규정에 의거하여 국제공인시험기관으로 인정합니다. 또한 ISO-ILAC-IAF 공동성명(2009.1.8)에 언급된 바와 같이 인정된 분야 및 범위에 대한 기술적 능력과 시험기관 품질경영시스템이 적절함을 인정합니다.

2011년 1월 21일

한 국 인 정 기 구





제151호 (2/2)

1. 역학시험

1.009 고무와 관련제품

규격번호	규격명
ISO 48:2010	Rubber, vulcanized or thermoelastic-Determination of hardness (hardness between 10 IRHD and 100 IRHD)

1.010 플라스틱 및 관련제품

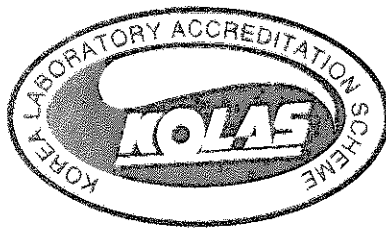
규격번호	규격명
ASTM D 638:2010	Standard Test Method for Tensile Properties of Plastics
ASTM D 648:2007	Standard Test Method for Deflection Temperature of Plastics Under Flexural Load in the Edgewise Position
ASTM D 790:2010	Standard Test Method for Flexural Properties of Unreinforced and Reinforced Plastics and Electrical Insulating Materials
ASTM D 1525:2009	Standard Test Method for Vicat Softening Temperature of Plastics

2. 화학시험

2.016 기타 석유제품

규격번호	규격명
KS M ISO 11357-3:2003	플라스틱- 시차주사열량계(DSC) - 제 3부 용융 및 결정화온도와 엔탈피 추정 (전이온도, 전이열)
ASTM D 3418:2008	Standard Test Method for Transition Temperatures of Polymers by Differential Scanning Calorimetry
KS M ISO 11358:2006	플라스틱- 고분자의 열 중량분석(TG) - 일반원리
ASTM E 1131:2008	Standard Test Method for Compositional Analysis by Thermogravimetry

끝.



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CERTIFICATE OF ACCREDITATION

Name of Laboratory : Korea Research Institute of Chemical Technology

Representative : Oh, Hun Seung

Address of Headquarters : 100, Jang-dong, Yuseong-gu, Daejeon, Korea

Address of Laboratory : 100, Jang-dong, Yuseong-gu, Daejeon, Korea

Duration : January 21, 2011 ~ January 20, 2015

Scope of Accreditation

(Scope of Accreditation is described in the accompanying Annex)

This testing laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025 : 2005. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communique dated 8 January 2009).

January 21, 2011

Administrator,

Korea Laboratory Accreditation Scheme(KOLAS)



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1. Mechanical Test

1.009 Rubber and Related Products

Test Method	Standard designation
ISO 48:2010	Rubber, vulcanized or thermoeastic-Determination of hardness (hardness between 10 IRHD and 100 IRHD)

1.010 Plastics and Related Products

Test Method	Standard designation
ASTM D 638:2010	Standard Test Method for Tensile Properties of Plastics
ASTM D 648:2007	Standard Test Method for Deflection Temperature of Plastics Under Flexural Load in the Edgewise Position
ASTM D 790:2010	Standard Test Method for Flexural Properties of Unreinforced and Reinforced Plastics and Electrical Insulating Materials
ASTM D 1525:2009	Standard Test Method for Vicat Softening Temperature of Plastics

2. Chemical Test

2.016 Other Petroleum Products

Test Method	Standard designation
KS M ISO 11357-3:2003	Plastics-Differential scanning calorimetry (DSC) - Part 3 : Determination of temperature and enthalpy of melting and crystallization
	(Transition Temperature, Heat of Transition)
ASTM D 3418:2008	Standard Test Method for Transition Temperatures of Polymers by Differential Scanning Calorimetry
KS M ISO 11358:2006	Plastics-Thermogravimetry(TG) of polymers-General principles
ASTM E 1131:2008	Standard Test Method for Compositional Analysis by Thermogravimetry

End.