International Alloy Designations and Chemical Composition Limits for Wrought Aluminum and Wrought Aluminum Alloys



1400 Crystal Drive, Suite 430, Arlington, VA 22209 www.aluminum.org

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FOREWORD

Listed herein are designations and chemical composition limits for wrought aluminum and wrought aluminum alloys registered with The Aluminum Association. Numerical designations are assigned in accordance with the *Recommendation—International Designation System for Wrought Aluminum and Wrought Aluminum Alloys*, which is printed on pages 28 through 30. Additions may be made in accordance with the rules outlined in the Declaration of Accord printed on page 31, and alloys will be deleted when no longer in commercial use (see table of inactive alloys printed on pages 22-23).

Effective July/2015, the practice of registering experimental alloys has been discontinued and new experimental alloy designations shall not be granted. Prior to July/2015, designations for experimental alloys, defined by prefix "X," had been registered in accordance with the system defined in ANSI H35.1, "American National Standard Alloy and Temper Designation Systems for Aluminum." Previously registered and subsequently inactivated experimental alloys remain in the Previously Assigned but Presently Inactive Alloy Designation list. An experimental alloy composition shall retain the prefix "X" for the duration of its inactive status and can only be reactivated with removal of the experimental alloy status and prefix "X."

Some of the registered alloys may be the subject of patent or patent applications, and their listing herein is not to be construed in any way as the granting of a license under such patent right.

This registration record is not intended to address all regulatory requirements that may be imposed by local, national or international governing bodies. Regulatory requirements, which vary by region and end use, can further restrict the chemical composition within the registered limits. When applicable, inclusion of such requirements in the sales agreement is advised.

A list of the organizations that are signatories to the Declaration of Accord on the Recommendation is printed on pages ii-iii.

SIGNATORIES TO THE DECLARATION OF ACCORD

The following organizations are signatories to the Declaration of Accord on an International Alloy Designation System for Wrought Aluminum and Wrought Aluminum Alloys which is printed on page 31 of this publication.

The Aluminum Association Inc. 1400 Crystal Drive Suite 430 Arlington, VA 22202 <u>USA</u> www.aluminum.org	USA	Associacão Brasileira do Aluminio—ABAL Rua Humbertol, nº 220 - 4º .Andar Vila Mariana - CEP: 04018-030 Sao Pãulo-SP <u>BRAZIL</u> www.abal.org.br	BRAZIL
AFA Association Francaise de l'Aluminiun 17, rue de l'amiral Hamelin 75783 Paris Cedex 16 <u>FRANCE</u> www.aluminium-info.com	n FRANCE	Association for the Dutch NE ⁻ Metallurgic Industry (VNMI) P.O. Box 190 NL-2700 AD Zoetermeer <u>NETHERLANDS</u> www.vnmi.nl	THERLANDS
All-Russian Institute of Aviation Materials 17 Radio Ulitza 105005 Moscow <u>RUSSIA</u> www.viam.ru	(VIAM) RUSSIA	Assomet - Associazione Nazionale Industrie Metalli non Ferrosi Via dei Missaglia, 97 I-20142 Milano ITALY www.assomet.it	ITALY
116 Pitesti Street Slatina, Olt County 230048 <u>ROMANIA</u> <u>www.alro.ro</u> Aluminium Association of Canada	CANADA	Australian Aluminium Council Limited Level 1, Dickson Square P.O. Box 63 Dickson, Canberra ACT 2602 <u>AUSTRALIA</u> www.aluminium.org.au	AUSTRALIA
1010 Sherbrooke Street West, Suite 1600 Montreal, Quebec H3A 2R7 <u>CANADA</u> www.aac.aluminium.qc.ca Aluminium Center Belgium	BELGIUM	Austrian Non-Ferrous Metals Federation Wiedner Hauptstraße 63 1045 Vienna <u>AUSTRIA</u> <u>www.nemetall.at</u>	AUSTRIA
Z.I. Research Park 310 B-1731 Zellik <u>BELGIUM</u> www.aluminiumcenter.be Aluminium Federation Limited National Metalforming Centre 47 Birmingham Road	UK	Centro Nacional de Investigaciones Metalurgicas (CENIM) Avenida Gregorio del Amo, 8 Ciudad Universitaria 28040 Madrid <u>SPAIN</u> www.cenim.csic.es	SPAIN
West Bromwich, West Midlands B70 6PY <u>UNITED KINGDOM</u> www.alfed.org.uk		China Nonferrous Metals Techno-Economic Research Institute No. 31 Suzhou Street Haidian District	CHINA
Aluminium Federation of South Africa P. O. Box 423 Isando, 1600 REPUBLIC OF SOUTH AFRICA	SOUTH AFRICA	Bejing, 100080 <u>PEOPLES REPUBLIC OF CHINA</u> <u>www.cnsmq.com</u>	
Aluminium – Verband Schweiz Hallenstrasse 15 Postfach 71 CH-8024 Zurich SWITZERLAND	SWITZERLAND	European Aluminium Association Avenue de Broqueville, 12 B-1150 Brussels <u>BELGIUM</u> <u>www.alueurope.eu</u>	EAA

www.alu.ch