REGISTRATION RECORD SERIES
TEAL SHEETS

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

The Aluminum Association

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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 32 through 34. Additions may be made in accordance with the rules outlined in the Declaration of Accord printed on page 35, and alloys will be deleted when no longer in commercial use (see table of inactive alloys printed on pages 26-27

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 page ii.

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 35 of this publication.

Argentina
Instituto Argentino De Normalizacion
https://www.iram.org.ar/

Australia
Australian Aluminium Council Limited
https://aluminium.org.au

Austria
Fachverband der Nichteisenmetallindustrie
https://wko.at

Belgium
Aluminium Center Belgium
https://aluminiumcenter.be

Brazil
Associação Brasileira do Alumínio
https://abal.org.br

Canada
Aluminium Association of Canada
https://aluminium.ca

China
China Nonferrous Metals Techno-Economic Research Institute
http://www.cnsmq.com

European Union
European Aluminium
https://european-aluminium.eu/

European Organization for Aerospace Standardization
https://asd-stan.org/

France
Association Francaise de l'Aluminium
https://aluminium.fr

Germany
Gesamtverband der Aluminiumindustrie e.V.
https://www.aluminiumdeutschland.de/

Italy
Associazione Nazionale Industrie Metalli non Ferrosi
https://assomet.it

Japan
Japan Aluminium Association
https://aluminum.or.jp/

Mexico
Instituto Mexicano del Alumino, A.C.
https://imedal.org/

Netherlands
Metaal Nederland
https://metaalnederland.com/

Poland
Łukasiewicz Research Network – Institute of Non-Ferrous Metals
https://imn.lukasiewicz.gov.pl/

Romania
ALSO S.A.
https://alro.ro/

South Africa
Aluminium Federation of South Africa
https://afsa.org.za

South Korea
Korea Institute of Materials Science
https://kims.re.kr/

Spain
Centro Nacional de Investigaciones Metalurgicas
https://cenim.csic.es

Sweden
The Swedish Aluminium Association
https://svensktaluminium.se/

Switzerland
Aluminium–Verband Schweiz
https://alu.ch

United Kingdom
Aluminium Federation Ltd.
https://alfed.org.uk

United States of America
The Aluminum Association
https://aluminum.org