

**Aerospace series - Steel FE-PM1802
(X5CrNiCu15-5) - Consumable electrode
remelted - Solution treated and
precipitation treated - Plate - $6 \text{ mm} < a \leq$
 20 mm - $1\,070 \text{ MPa} \leq R_m \leq 1\,220 \text{ Mpa}$**

Aerospace series - Steel FE-PM1802 (X5CrNiCu15-5) - Consumable electrode remelted - Solution treated and precipitation treated - Plate - $6 \text{ mm} < a \leq 20 \text{ mm}$ - $1\,070 \text{ MPa} \leq R_m \leq 1\,220 \text{ Mpa}$

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 3479:2007 sisaldab Euroopa standardi EN 3479:2007 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 31.05.2007 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 3479:2007 consists of the English text of the European standard EN 3479:2007.</p> <p>This document is endorsed on 31.05.2007 with the notification being published in the official publication of the Estonian national standardisation organisation.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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<p>Käsitlusala:</p> <p>This standard specifies the requirements relating to: Steel FE-PM1802 (X5CrNiCu15-5) Consumable electrode remelted Solution treated and precipitation treated Plate 6 mm < a ≤ 20 mm 1 070 MPa ≤ Rm ≤ 1 220 Mpa for aerospace applications.</p>	<p>Scope:</p> <p>This standard specifies the requirements relating to: Steel FE-PM1802 (X5CrNiCu15-5) Consumable electrode remelted Solution treated and precipitation treated Plate 6 mm < a ≤ 20 mm 1 070 MPa ≤ Rm ≤ 1 220 Mpa for aerospace applications.</p>
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ICS 49.025.10

Võtmesõnad:

ICS 49.025.10

English Version

**Aerospace series - Steel FE-PM1802 (X5CrNiCu15-5) -
Consumable electrode remelted - Solution treated and
precipitation treated - Plate - 6 mm < a ≤ 20 mm - 1 070 MPa ≤
Rm ≤ 1 220 MPa**

Série aérospatiale - Acier FE-PM1802 (X5CrNiCu15-5) -
Refondu à l'électrode consommable - Mis en solution et
vieilli - Plaques 6 mm < a ≤ 20 mm - 1 070 MPa ≤ Rm ≤ 1
220 MPa

Luft- und Raumfahrt - Stahl FE-PM1802 (X5CrNiCu15-5) -
Mit selbstverzehrender Elektrode umgeschmolzen -
Lösungsgeglüht und ausgelagert - Platten - 6 mm < a ≤ 20
mm - 1 070 MPa ≤ Rm ≤ 1 220 MPa

This European Standard was approved by CEN on 5 October 2006.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

Management Centre: rue de Stassart, 36 B-1050 Brussels

Foreword

This document (EN 3479:2007) has been prepared by the Aerospace and Defence Industries Association of Europe - Standardization (ASD-STAN).

After enquiries and votes carried out in accordance with the rules of this Association, this Standard has received the approval of the National Associations and the Official Services of the member countries of ASD, prior to its presentation to CEN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by September 2007, and conflicting national standards shall be withdrawn at the latest by September 2007.

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Introduction

This standard is part of the series of EN metallic material standards for aerospace applications. The general organization of this series is described in EN 4258.

This standard has been prepared in accordance with EN 4500-5.

1 Scope

This standard specifies the requirements relating to:

Steel FE-PM1802 (X5CrNiCu15-5)
Consumable electrode remelted
Solution treated and precipitation treated
Plate
 $6 \text{ mm} < a \leq 20 \text{ mm}$
 $1\,070 \text{ MPa} \leq R_m \leq 1\,220 \text{ MPa}$

for aerospace applications.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 2043, *Aerospace series — Metallic materials — General requirements for semi-finished product qualification (excluding forgings and castings)*. ¹⁾

EN 2951, *Aerospace series — Metallic materials — Test method — Micrographic determination of content of non-metallic inclusions*. ¹⁾

EN 4050-4, *Aerospace series — Test method for metallic materials — Ultrasonic inspection of bars, plates, forging stock and forgings — Part 4: Acceptance criteria*. ¹⁾

EN 4258, *Aerospace series — Metallic materials — General organization of standardization — Links between types of EN standards and their use*.

EN 4500-5, *Aerospace series — Metallic materials — Rules for drafting and presentation of material standards — Part 5: Specific rules for steels*. ¹⁾

EN 4700-1, *Aerospace series — Steel and heat resisting alloy — Wrought products — Technical specification — Part 1: Plate, sheet and strip*. ¹⁾

¹⁾ Published as ASD Prestandard at the date of publication of this standard.