

Joint Research Centre

Certified reference materials for Charpy pendulum impact tests

Steel Charpy V-notch certified reference materials

Code	Nominal absorbed energy level (KV)	Typical expanded uncertainty
ERM-FA013	20-30 J	1.3 J
ERM-FA015	80 J	2.4 J
ERM-FA016	120 J	4 J
ERM-FA415	150 J	4 J

- sets of 5 steel Charpy V-notch test pieces
- for indirect verification in accordance with EN 10045-2 and ISO 148-2 (required once a year at two or more energy levels) at 20 ° C, except ERM-FA013 where one batch is available with certified values at 0 ° C. By default a batch certified by 20 ° C will be delivered, unless the order explicitly mentions the value at 0 ° C.

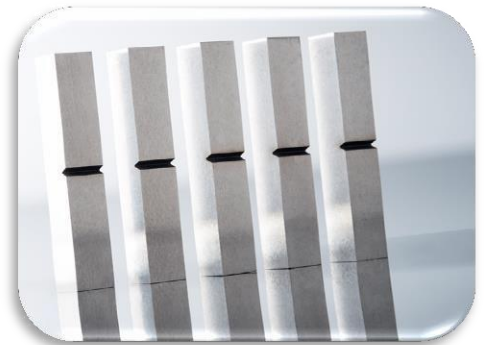
Accredited producer

We are accredited according to ISO Guide 34:2009 for the production of Charpy certified reference materials and to ISO 17025:2005 for Charpy tests.

BELAC No. 268-RM



European Reference Materials (ERM®) undergo uncompromising peer evaluation and offer the highest quality and reliability.



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Confidence in measurements

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