



Production of Aluminium, Bronze and Copper  
in Powder, Paste and Granules

## TECHNICAL DATA SHEET

**revision n°:** 01 (date 1-6-2010), supersedes n°00 (date 10-1-2008)

**Ident. N°:**

TDS\_S\_EN\_APOCB\_BTF1\_v01

**PRODUCT TYPE:** ALUMINIUM POWDER for LIGHTWEIGHT CONCRETE

**PRODUCT NAME:** BTF1

**PRODUCT DESCRIPTION:** Flake Metal Aluminium Powder for lightweight concrete

Inspection Criteria	Unit	Lower lim. Value	Upper lim. Value	Test method
Purity of metal	%	99	-	
<b>Particle Size Distribution</b>				
D10	µm	16	20	laser diffraction by Sympatec HELOS (dry)
D50	µm	64	72	laser diffraction by Sympatec HELOS (dry)
D90	µm	140	175	laser diffraction by Sympatec HELOS (dry)
Apparent density	g/cm <sup>3</sup>	0,14	0,18	ASTM B212-99
Specific surface	cm <sup>2</sup> /g	7000	11000	LCI.004.0

For more information and samples, please contact:

AVL METAL POWDERS nv, Elleboogstraat 7, B-8500 Kortrijk, Belgium, Europe

T +32 (0) 56 22 00 21 - F +32 (0) 56 22 64 14

e-mail: [sales@avlmetalpowders.com](mailto:sales@avlmetalpowders.com)

website: <http://www.avlmetalpowders.com>

VAT BE 0405.375.371 - HR 7 Kortrijk



Please consult AVL website /GENERAL INFO at [www.avlmetalpowders.com](http://www.avlmetalpowders.com) for additional information on our products related to shelf life and storage recommendations .

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depart. Name: QC, Stefaan De Forche