



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

TECHNICAL DATA SHEET

revision n°: 03 (date 6-1-2016), supersedes n°02 (date 25-11-2013)

Ident. N°: TDS_S_EN_APACB_BTF1_DEG_1_70
_30_v03

PRODUCT TYPE: ALUMINIUM PASTE for LIGHTWEIGHT CONCRETE

PRODUCT NAME: BTF1/DEG1/70-30

PRODUCT DESCRIPTION: Flake Metal Paste for lightweight concrete based on Aluminium with diethylene glycol

Inspection Criteria	Unit	Lower lim. Value	Upper lim. Value	Test method
inspection criteria marked * are based upon powder analysis				
Purity of metal	%	99	-	
Particle Size Distribution				
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 ³	0,80	1,20	ASTM B212-99
Pigment content	%	67	72	LCI.003.0
Solvent content	%	28	33	LCI.003.0
Specific surface*	cm ² /g	7000	11000	LCI.004.0

For more information and samples, please contact:

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

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