

ALBROMET 380	Data sheet aluminiumbronze
Material properties:	Highest possible hardness (brittle-hard), high wear resistance and compressive strength, distinguished sliding properties.
Application examples:	Wear partner for hardened steel grades, forming tools for bending, embossing, profiling and thermoforming of stainless steel plates and tubes.
Machining tips:	Machine with carbide-equipped tools Recommendation: <i>Hoffmann GmbH, München</i> <i>Tel. 089-8391-0, Fax: 089-8391-89</i> <i>www.hoffmann-group.com</i> Welding is restricted possible.
Typical analysis:	Al 15,0 % Fe 5,0 % Others 2-4% Cu Balance
Standards/Specifications:	Not standardized
Delivery formats:	Forged parts, Castings, Extruded and HCC rods, Semi-finished products, Finished parts based on drawings
Mechanical and physical properties:	
Brinell hardness (HB 30) Tensile strength Rm Yield strength Rp 0,2 Elongation at break A5 Density Compressive strength Elasticity modulus E Mean linear coefficient of thermal expansion Thermal conductivity at 20° C Electrical conductivity Temperature resistance Permeability	360 - 390 > 680 N/mm ² > 560 N/mm ² 0,5 % 7,2 g/cm ³ 1500 Mpa 120,0 KN/mm ² 17,5 10 ⁻⁶ /K 34 W/m x k 3,48 m/Ohm x mm ² < 300° C up to the clear change in strength value 1,03 H = 100 Oe

These data are based on information provided by our supplier, all changes reserved. The mechanical strength values are typical standard values and depends on the measurement and the production method.
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