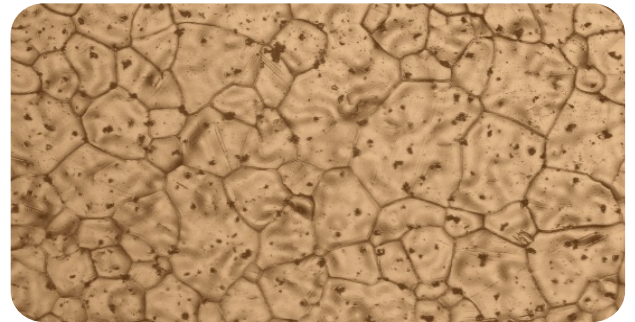
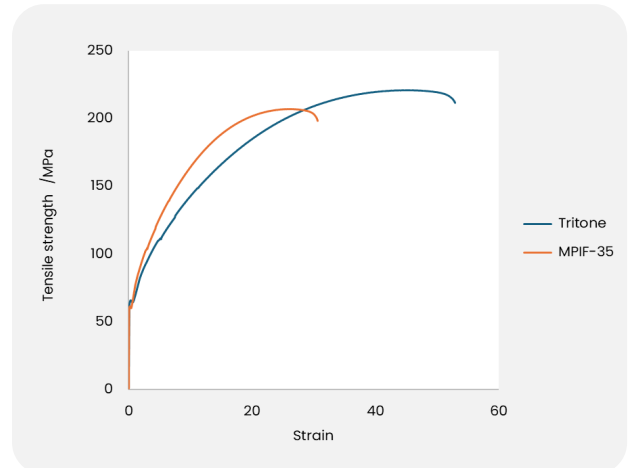


MATERIAL DATASHEET - BETA

Pure Copper

COMPOSITION

Composition	Amount
Copper	>99.7%
Oxygen	<0.05%
Carbon	<0.05%
Other	Balance



MECHANICAL PROPERTIES

Properties	Test Standard	Tritone	MPIF 35
Relative density	ASTM B962	>97%	95%
Electrical Conductivity	ASTM E1004	92-98% IACS	-
Thermal Conductivity	ASTM E1461	350 W/(m·K)	330 W/(m·K)
Ultimate Tensile Strength	ASTM E8	210 MPa	207 MPa
0.2% Yield Strength	ASTM E8	60 MPa	69 MPa
Elongation at Break	ASTM E8	>40%	30%

The mechanical properties are typical values obtained by independent laboratory from parts processed in an industrial sintering furnace.

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