

NES835 / DEF STAN 02-835 / Hiduron 191®

Copper nickel alloy with good resistance to bio-fouling, Galling and impingement. Typical applications - Couplings, Valves, Fasteners and pumps.

Technical Data

Nominal Composition by Percent

	Al	Mn	Si	Cr	Ni	Cu	Fe	-
Min	1.0	3.5	-	-	13.5	-	0.7	%
Max	2.0	5.5	-	0.5	16.5	BAL	1.2	%

Typical Mechanical Properties

Annealed Condition	MPa		%
Tensile Strength, min	725	-	-
Yield Strength (0.2% offset), min	430	-	-
Elongation on 4D, min	-	-	18
Reduction of Area	-	-	-
Hardness	-	-	-