

ARGELOY N.P. SUPREME

(non-precious alloy)

COMPOSITION:

Co	Cr	Mo	W	Si	Mn	Fe	C
61.00	27.00	6	5.00	1.00	< 1	< 1	< 1

Alloy type: 4

Color: White

Melting range °F (°C): 2462 - 2525 (1350-1385)

Casting temperature °F (°C): 2705 (1485)

Density (g/cm³): 8.6

Yield strength, psi (MPa): 68,800 (475)

Elastic modulus: 223GPa

Elongation, % : 8

Vickers Hardness, A.F. : 365

Coef. of Exp (25-500°C) : 14.1

Coef. of Exp (25-600°C) : 14.5