

Stainless Steel (inc. High Performance) - 1.4016 / 430

Sheet Dull Polish 240S

Properties

Stock		Chemical Properties	
Size (mm)	Weight/Sheet (Kg)	Element	Chemical Composition %
Dull Polish 240S Silicon + Laser Coating 1 side		Carbon (C)	0.0 - 0.08
2000 x 1000 x 0.6		Chromium (Cr)	16.0 - 18.0
2500 x 1250 x 0.7*		Manganese (Mn)	0.0 - 1.0
2000 x 1000 x 0.9		Silicon (Si)	0.0 - 1.0
2500 x 1250 x 0.9		Phosphorus (P)	0.0 - 0.04
2000 x 1000 x 1.2		Sulphur (S)	0.0 - 0.02
2500 x 1250 x 1.2		Iron (Fe)	Balance
2000 x 1000 x 1.5		Mechanical Properties	
2500 x 1250 x 1.5		Property	Value
*: Also available with circle polishing plus laser coating 1 side		Proof Stress	240 min MPa
		Tensile Strength	450 - 600 MPa
		Elongation A50 mm	20%
		Physical Properties	
		Property	Value
		Density	7.75 g/cm ³
		Melting Point	1425 - 1510°C
		Thermal Expansion	10.4 x 10 ⁻⁶ /K
		Modulus of Elasticity	200 GPa
		Thermal Conductivity	23.9 W/m.k
		Electrical Resistivity	0.060 x 10 ⁻⁶ Ω.m

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