

1030

WHITE

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CHARACTERISTICS

Hardness Supplied (HB) 164 - 147

Tensile Strength (Mpa) 500 - 560

Machinability Rating % 70

EQUIVALENTS

BS	AISI/SAE	UNS	DIN	C	Si	Mn	P	S
970	1030	G10300	C30	0.25	0.35 max	0.30	0.05 max	0.05 max
080M30				0.35		0.90		

CHEMICAL ANALYSIS (%)

NOTES

Slightly higher strength and lower ductility than “mild steel”. Provides more strength than 1020 while remaining reasonably ductile and weldable. Applications include shafts and Architectural fittings.

POSSIBLE ALTERNATIVE GRADES

1018, 1020, 1214, 12L14

APPLICATIONS

Cannot be Hot Dip Galvanised. Low Hardenability, not recommended for Case Hardening. Motor Shafts, Gate Hinges.

WARNING: While all care has been taken to provide accurate information here, it should be noted that it is for a guide only and any information must be checked by the manufacturer before being relied upon.

EDCON STEEL

Sydney Metro

Blacktown 15 Carling Road Kings Park
Brookvale 10/9-13 Winbourne Road Brookvale
Revesby 122 Milperra Road Revesby

Rural

Bathurst 51 Sydney Road Raglan
Orange 23 Leewood Drive Orange

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