

ATLAS BALL & BEARING CO LTD

STELLITE® 20 BALL DATA SHEET

Attributes Investment cast cobalt alloy material with high abrasion and corrosion resistance

Specification with equivalents Stellite® 20
Wallex® 20
Cobalt 2
Stellite® Star J

Chemical Analysis %

Co Bal	Ni 3.0 max
Fe 3.0 max	Cr 33 - 34
Si 1.2	C 2.5
W 17.0	Mn 1.0 max

Typical uses/applications Homogeniser pumps
Slurry pumps

Grades available G25, G50, G100

Mechanical/physical properties

Hardness 55 – 59 HRC
Liquidus 1270⁰ C
Specific gravity 8.80 g/cm³
Coefficient of expansion 10.0 µm/m.°C (20-100°C)

www.atlasball.co.uk

Stellite is a trade name of Deloro Stellite

Wallex is a trade name of Wall Colmonoy Corporation

Whilst every care has been taken we cannot accept liability for any errors contained within this data sheet.

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