

# ATLAS BALL & BEARING CO LTD

## STELLITE® 20 BALL DATA SHEET

Attributes Cast cobalt alloy material with high abrasion and corrosion resistance

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

Typical Chemical Analysis %

Co Bal	Ni 3.0 max
Fe 3.0 max	Cr 31 – 35.5
Si 1.5 max	C 1.9 – 2.95
W 16.5 – 19.5	Mn 1.0 max
Mo 1.0 max	B 0.3 max

Typical uses/applications Homogeniser pumps  
Slurry pumps

Grades available G25, G50, G100

Mechanical/physical properties

Hardness 55 – 59 HRC  
Liquidus 1270<sup>0</sup> C  
Specific gravity 8.80 g/cm<sup>3</sup>  
Coefficient of expansion 10.0 µm/m·°C (20-100°C)

[www.atlasball.co.uk](http://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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