



# PRODUCT SPECIFICATION SHEET

Version 2.1

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Product Name: Atomised DMS Powder, DMS Powder  
 Manufacturer: Sigma Wear Parts  
 Address: 3/6 Field Road, Lilianton, Boksburg, South Africa  
 Website: www.teamsigmasa.com e-Mail: Sigmateam@bigpond.com

14 - 16 % Si Atomised Dense Media Powder					
Typical Size Distribution					
Grade	Course Grade	Fine Grade	Extra Fine	Cyclone 60	Cyclone 40
Particle Size in Microns	SPECIFICATION				
- 45µm	32 - 40	42 - 50	53 - 65	65 - 78	82 - 90
Chemical Analysis - XRF					
Element	Si	Fe	C	Mn	Cr
Specification	14 - 16%	80% Min	0.60% Max	0.80% Max	0.60% Max
Typical Achieved	15,00%	81,80%	0,20%	0,30%	0,25%
Physical Properties		Pycnometric Density g/cm3	Non Magnetics	Magnetic Susceptibility %	
Specification		> 7.0	0,50% max	58% min	
Typical.		7,42	0,15%	69%	