

PRODUCT DATA SHEET

SILICON METAL

Chemical

Grade	Si	Fe	Al	Ca	P	B
SM - 6	99.9999%	≤1 ppm (total metal impurities)			≤0.5 ppm	≤0.5 ppm
SM - 5	99.999%	≤5 ppm (total metal impurities)			≤5 ppm	≤1 ppm
SM - 45	99.99%	≤40 ppm	≤20 ppm	≤10 ppm	≤12 ppm	≤5 ppm
SM - 200	99.9%	≤0.03%	≤0.03%	≤0.01%	≤40 ppm	≤40 ppm
SM - 250	99.7%	≤0.03%	≤0.10%	≤0.01%	≤40 ppm	≤40 ppm
SM - 300	99.5%	≤0.10%	≤0.10%	≤0.05%	≤40 ppm	≤40 ppm
SM - 1	97.5%	≤0.8%	≤0.5%	≤0.3%	-	-

Physical

All grades can be supplied in chunk, grain or powder form

Appearance

Grey colour with a metallic lustre

Applications

Thin and thick film coatings
Advanced Ceramics
Photovoltaic

CAS Number

7440-21-3

REACH

05-2114275004-58-0000

Transport

Non Hazardous

Tariff No

28046900 / 28046100