

## **Thermal spray powder - Particle size distribution**

Art. ID	NIST-1984
Unit	14 g
Deliverydetails	No Dangerous Good /not restricted

### Description

This Standard Reference Material (SRM®) is primarily intended for use in the calibration of equipment used to measure particle size distributions (PSD) in the 9 µm to 30 mm range. NIST-1984 consists of a single bottle containing approximately 14 g of tungsten carbide/cobalt powder. The PSD values at five mass percentiles were measured by scanning electron microscopy (SEM) and laser light scattering (LLS). Certified values /// Sample value(s) - please ask for current certificate.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
Cumulative Mass: 10 %	Particle size values by SEM - diameter		10,3	µm		
Cumulative Mass: 25 %	Particle size values by SEM - diameter		13,2	µm		
Cumulative Mass: 50 %	Particle size values by SEM - diameter		17,1	µm		
Cumulative Mass: 75 %	Particle size values by SEM - diameter		21,3	µm		
Cumulative Mass: 90 %	Particle size values by SEM - diameter		26,3	µm		