
Tungsten Carbide Powders

Number PD-1405
Issue 3-09.10.2023



TUNGSTEN CARBIDE DM

Description of Product

Medium- to coarse grained deagglomerated grades with minimized contents of coarse particles and agglomerates. They are recommended for mining tools, wear parts as well as for medium to coarse hard metal grades for cutting tools.

The DM grades are available for special applications produced with high carburization temperature also, designated as “HT”.

Physical Characteristics

Grades	Fisher number (as supplied)
DM 300 / DM 300 HT	2.5 - 3.5 µm
DM 400 / DM 400 HT	3.5 - 4.5 µm
DM 500 HT	4.5 - 5.5 µm

Tungsten Carbide Powders

Number PD-1405
Issue 3-09.10.2023

Chemical Characteristics

(Mass fraction in % [cg/g]; ppm [μ g/g])

C _{total}	6.13 ± 0.05 %		
C _{free}	max. 0.06 %		
O	max. 0.10 %		
Al	max. 20	ppm	
Ca	max. 25	ppm	
Co	max. 100	ppm	
Cr	max. 50	ppm	
Cu	max. 10	ppm	
Fe	max. 150	ppm	
Mo	max. 100	ppm	
Na	max. 20	ppm	
Ni	max. 70	ppm	
Si	max. 40	ppm	
S	max. 30	ppm	

WC

DM

2.5 – 5.5 μ m

Packaging 50 kg in 18 l or 100 kg in 30 l steel drum with liner.