

## TUNGSTEN CARBIDE DM

**Description of Product** WC DM grades are deagglomerated tungsten carbide grades with minimized contents of coarse particles and agglomerates. DM grades are recommended for mining tools, wear parts as well as for medium to coarse WC grain size cutting tools.

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

### Grades Available

### Product Designation

DM 300, DM 400, DM 500,  
DM 300 HT, DM 400 HT, DM 500 HT

### Chemical Characteristics

(Mass fraction in % [cg/g]; ppm [ $\mu\text{g/g}$ ])

	Limit		
C <sub>total</sub>	6.13	$\pm$ 0.05	%
C <sub>free</sub>	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

### Physical Characteristics

Fisher number (as supplied)

DM 300 / DM 300 HT	2.5	-	3.5	$\mu\text{m}$
DM 400 / DM 400 HT	3.5	-	4.5	$\mu\text{m}$
DM 500 / DM 500 HT	4.5	-	5.5	$\mu\text{m}$

- Packaging**
- 50 kg in 18 l steel drums with PE-bags  
Packaging unit = 400 kg in 8 drums on CP1 pallet.
  - 100 kg in 30 l steel drums with PE-bags  
Packaging unit = 800 kg in 8 drums on CP1 pallet.
- Other kinds of packaging are available on request.
- Storage and Handling**
- The user must observe all the appropriate safety regulations in force in the country of use. Store in a closed container.
- Hazards identification in Advertising (Directive 67/548/EEC Article 26, Directive 1999/45/EC Article 13 and REGULATION (EC) No 1272/2008 Article 48)**
- none.
- Documentation**
- An inspection document in accordance with EN 10204 is supplied with every shipment.

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