



HHC
Benefit | Cooperation | Integrity

Silica Matting Agents

For the premium coatings & solution

www.hhc-silica.com

2023 Version





Application:

- Wood
- Coil
- General Industrial Coatings;
- 3C Plastic Coatings;
- UV coatings;
- Leather
- Textile and Ink Coatings

For some special industries, getting benefit from the rich experience: product improvement and surface treatment can be provided

Advantage:

We have two different production lines: **Precipitation silica and Gel method silica**, which provide the most **overall products** and for the coating matting process;



Work Shop



Synthetic powder silica

MS 100 Series for Wood, Coil, General Industrial Coatings															
Products	MS120	MS121	MS130	MS130H	MS131	MS150	MS150H	MS151	MS160	MS161	MS170	MS1560	MS1450	MS1461	MS1470
Particle Size D50 (um)	2.2~2.6	2.8~3.2	3.6~4.0	3.6~4.0	3.6~4.0	4.6~5.0	4.6~5.0	4.6~5.0	5.6~6.0	5.6~6.0	6.6~7.0	5.2~5.6	4.6~5.0	6.0~6.4	7.6~8.0
Oil Absorption DBP (g/100g)	240~300	240~300	240~300	220~280	240~300	240~300	220~280	240~300	240~300	240~300	260~320	280~350	240~300	260~320	240~300
pH	6~8	6~8	6~8	6~8	6~8	6~8	6~8	6~8	6~8	6~8	6~8	6~8	6~8	6~8	6~8
Surface Treatment	No	Yes	No	Yes	Yes	No	Yes	Yes	No	Yes	No	No	No	No	No



	MS 800 Series for UV Coatings				MS 900 Series for Plastic Coatings				MS 300 Series for Leather			MS 200 Series for Textile & Ink Coatings				
Products	MS8550	MS8690	MS870	MS890	MS930	MS932	MS950	MS952	MS314	MS320	MS330	MS220	MS230	MS1450	MS1550	MS952
Particle Size D50 (um)	5.2~5.6	8.0~8.4	7.0~7.4	9.6~10.0	3.0~3.4	3.6~4.0	4.0~4.4	6.6~7.0	3.0~3.4	3.6~4.0	2.6~3.0	2.0~2.4	3.6~4.0	4.6~5.0	5.0~5.4	6.6~7.0
Oil Absorption DBP (g/100g)	140~200	240~300	220~280	160~220	280~350	280~350	280~350	280~350	300~380	300~380	280~360	220~280	220~280	240~300	280~360	280~350
pH	6~8	6~8	6~8	6~8	6~8	6~8	6~8	6~8	6~8	6~8	6~8	6~8	6~8	6~8	6~8	6~8
Surface Treatment	Yes	Yes	No	No	No	Yes	No	Yes	Yes	Yes	No	No	No	No	No	Yes



More adaptability and applications

- More choices of average particle size (from 1.5 to 10 um)
- A more range of pore volumes (from 0.2 to 2.0 ml/g)
- A wider range of oil absorption values (from 30 to 380 DBP g/100g)

Bring Benefits to Coatings:

Excellent matting efficiency

Outstanding chemical resistance

Great Smoothness

Easy to disperse

Good control and balance for transparency and matting

Technology serves the business, Service doesn't end with delivery!

Wuxi HHC New Material Co., Ltd

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Pre-sale Service:

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