



HHC
Benefit | Cooperation | Integrity

MS 500 Series Silica

Anti-blocking Agents for Premium Film

www.hhc-silica.com

2023 Version



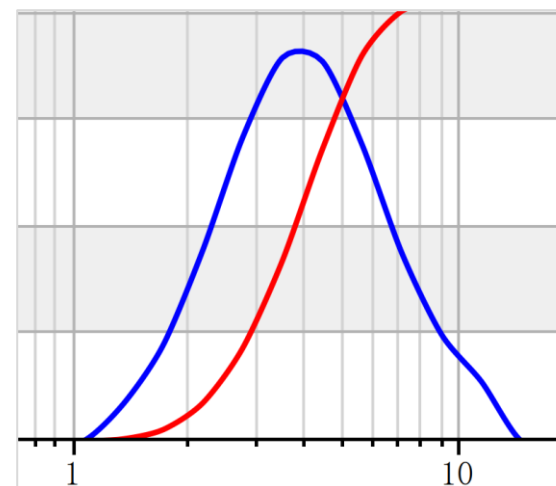


Advantages:

- Due to the production can be repeated, the product quality is stable and control;
- Using the newest production process, it has good transparency and rejects the problem of haze;
- Excellent particle size distribution control: the resulting narrow particle size distribution and low “TOPCUT” value are conducive to reducing COF and reducing addition;
- Compared with organic blocking agent products, synthetic silica can improve the printing performance of the film and reduce the negative impact of organic products on film;
- Non-toxic and high purity (99%), and only 2% loss on drying;

Description:

Synthetic Silica; Produce method is gel method which is one kinds of precipitation, the product appearance is white powder and odorless, the row material amorphous silica.



Narrow particle size distribution



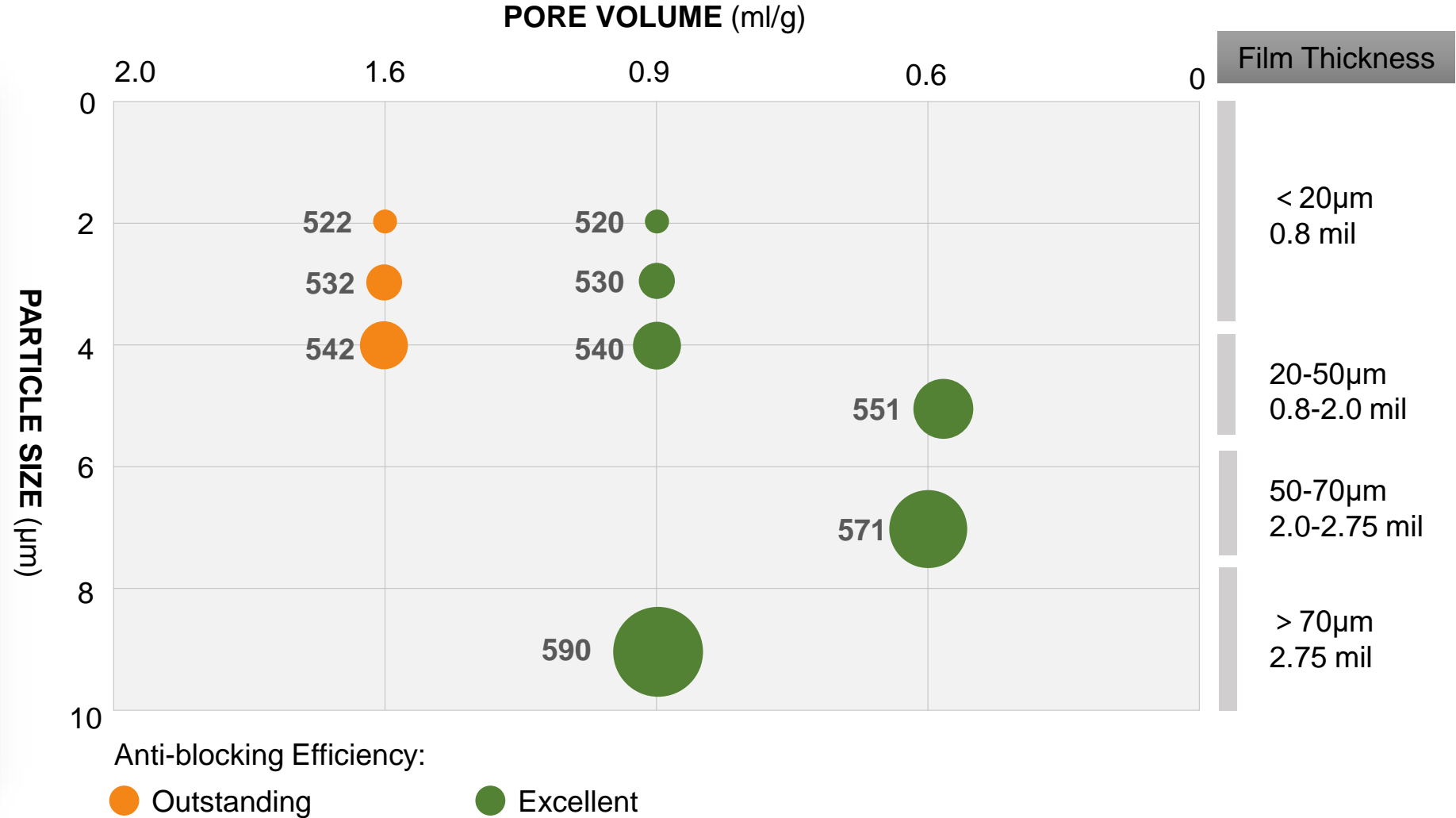
Synthetic powder silica

Pore Volume

High pore volume, bring better anti-blocking performance;

Low pore volume, have better dispersion;

Select the particle size and pore volume for the correct product.





MS 500 Series

Silica Anti-blocking Agents

Product Parameters

Products	MS520	MS530	MS540	MS590	MS522	MS532	MS542	MS551	MS571
Particle Size D50 (um)	2.0~2.4	2.8~3.2	3.8~4.2	8.8~9.2	2.0~2.4	2.8~3.2	3.6~4.0	4.6~5.0	6.8~7.2
Pore Volume (ml/g)	0.9	0.9	0.9	0.9	1.6	1.6	1.6	0.5	0.6
pH	6~8	6~8	6~8	6~8	6~8	6~8	6~8	6~8	6~8
Heating Loss 105°C (≤%)	2	2	2	2	2	2	2	2	2
Ignition Loss 1000°C (≤%)	8	8	8	8	8	6	6	8	8
Sio2 content (≥%)	99	99	99	99	99	99	99	99	99
Iron content ppm≤	70	70	70	70	70	70	70	70	70

We can customize special parameters for customers to meet your needs. If necessary, please contact us for support.

info@hhc-silica.com



Processing technology: Masterbatch Process, Slurry Process

Polyethylene Terephthalate (PET)	Slurry Process: MS 532, MS 542
	Masterbatch Process: MS 520, MS 530, MS 540
Polyvinylchloride (PVC)	MS 540, MS 590
Polypropylene Films (PP)	MS 520, MS 530, MS 540, MS 551, MS 571, MS 590
Polyethylene Films (PE)	MS 520, MS 530, MS 540, MS 551, MS 571, MS 590

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

Wuxi HHC New Material Co., Ltd

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Pre-sale Service:

For Polymer and Plastic Film
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