

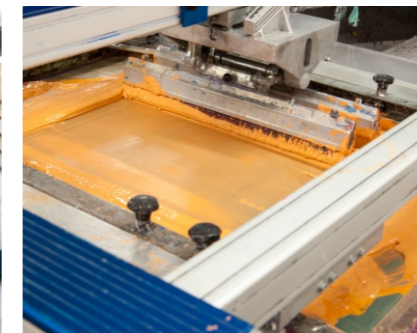
Application Guidance

Products	Applications	Feature
MS 100 Series Gel Silica	All-purpose matting agents Coil Coatings, Wood Coatings, Inks, General Industrial Coatings, Auto Refinish, Water-based Coatings, etc.	High matting efficiency Great transparency Great dispersion *MS 130H has excellent transparency for premium wood coatings *MS 130W is special for water-based coatings
MS 100 Series Gel Silica Wax-treatment	All-purpose matting agents Wood Coatings, Inks, General Industrial Coatings, Auto Refinish, Water-based Coatings, etc.	Anti-sedimentation Surface smoothness
MS 100 Series Precipitation Silica	Suitable for pigments systems Wood Coatings, Inks, Textile Coatings, Beauty Sean Glue, etc.	Great Matting efficiency Cost efficiency
MS 200 Serie Precipitation Silica	Special for Inks application Gravure printing Silk / Screen printing	Anti-blocking Great transparency Great dispersion
MS 300 Series Precipitation Silica	Special for Leather Coatings Artificial leather Genuine leather	Great transparency Great dispersion
MS 600 Series Gel Silica	Special for Print media adsorbent Thermal paper Photo paper, advertising canvas etc.	Bright colors Great adsorption Great dispersion
MS 800 Series Gel Silica	Special for UV wood & floor application UV Coatings PVC sheet	High matting efficiency Stable gloss & viscosity Great touch feeling
MS 900 Series Precipitation Silica	Special for Plastic Coatings Soft coatings UV plastic coatings	High matting efficiency Great dispersion Scratch resistant



Silica Matting Agents

MS 100, MS 200, MS 300, MS 600, MS 800, MS900 Serie



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Product Parameters

Products	MS 100 Series Gel Silica										MS 100 Series Gel Silica Wax-treatment				MS 100 Series Precipitation Silica			MS 200 Serie Precipitation Silica		MS 300 Serie Precipitation Silica		MS 600 Series Gel Silica				MS 800 Series Gel Silica				MS 900 Series Precipitation Silica									
	MS 120	MS 130	MS 150	MS 160	MS 170	MS 190	MS 130W	MS 150W	MS 130H	MS 150H	MS 121	MS 131	MS 151	MS 161	MS 171	MS 1560	MS 1450	MS 1461	MS 1470	MS 220	MS 230	MS 320	MS 330	MS 630	MS 670	MS 670A	MS 680	MS 8550	MS 8690	MS 870	MS 890	MS 930	MS 9302	MS 932	MS 950	MS 952			
Particle Size D50 (um)	2.4	3.8	4.8	5.8	6.8	9.0	4.0	5.0	3.8	4.8	3.0	3.8	4.8	5.8	6.8	5.4	4.8	6.2	7.8	2.2	3.8	3.8	2.8	2.8	6.2	6.0	6.8	5.4	8.2	7.2	9.8	3.2	3.4	3.8	4.2	6.8			
Pore Volume (ml/g)	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.6	1.6	1.8	1.8	1.8	1.8	1.8	1.2	1.8	1.8	1.8	1.5	1.5	1.8	1.8	0.5	1.4	1.5	1.5	1.0	1.5	1.5	1.1	1.7	1.7	1.7	1.7	1.7			
Oil Absorption DBP (g/100g)	240~300	240~300	240~300	240~300	260~320	260~320	260~320	260~320	220~280	220~280	240~300	240~300	240~300	240~300	260~320	280~350	240~300	260~320	240~300	220~280	220~280	300~380	280~360	100~150	240~280	250~300	250~300	140~200	240~300	220~280	160~220	280~350	280~350	280~350	280~350	280~350			
Surface Treatment	·	·	·	·	·	·	▲	▲	◆	◆	■	■	■	■	■	·	·	·	·	·	·	▲	·	·	·	·	■	■	·	·	·	·	·	▲	■	·	■		
pH	6~8																																						
Package (net,kg)	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	15	15	15	15	15	10	15	15	10	10	10	10	10	10		

■ organic / ◆ inorganic / ▲ special