

PRODUCT DESCRIPTION	
Product	HI MATT 412
Chemical Description	Mixture of Alumina, Silica

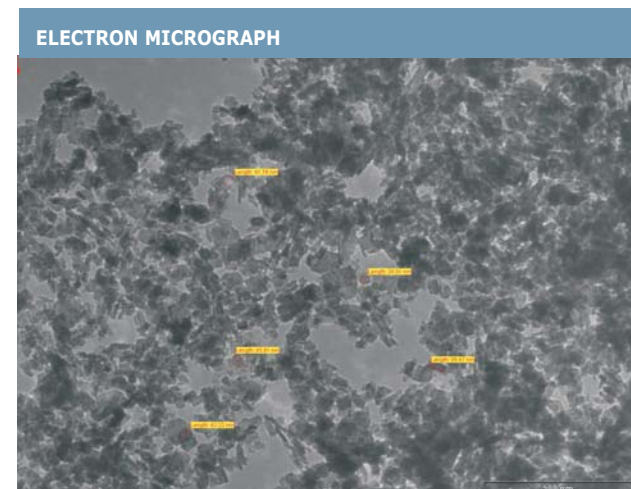
ADVANTAGES
● High Matting efficiency
● Good dispensability in all coating system
● High Matting power with small quantity
● Good transparency
● Chemically inert
● Negligible impact on rheological properties

TECHNICAL DATA		
Appearance	Fine White Powder	
Density [g/cm ³]	1.7	DIN EN ISO 787-10
Specific Surface [m ² /g]	200-250	BET
pH (5%)	6.5 - 8.5	5% Ethanol in Water
Oil Absorption [ml/100g]	140 - 160	DIN EN ISO 787-5
Loss on ignition (%)	6 - 8	@ 800°C / 4 Hrs.
Particle Size (d ₅₀ -µm)	7-8	Laser Diffraction

APPLICATION PROFILE	
Acid-Curing coating	Potential use
Air Drying Alkyd Coating	Recommended
Coil Coating	Recommended
Foil Coating	Potential use
Imitation Leather Finishing Coating	Recommended
Leather Finishing Coating	Recommended
2K PU Coating	Recommended
Stoving Enamels	Potential use
Offset Ink	Recommended
Gravure Ink	Recommended
Note:- Applications mentioned above are with Pigmented & non-pigmented coating.	

REGULATIONS	
Germany BfR recom. IX	Compliant
APME AP 89/1	Compliant
USA (FDA) GRAS	Listed
Toys Europe EN 71-3	Compliant
Toys USA ASTM F 94/62	Compliant
CONEG, EC 94/62	Compliant
ROHS, 2002/95/E, 2005/618/EC	Compliant
End of Life Vehicles, 2000/53/EC, 2002/525/EC	Compliant

PACKAGING
- 20kg LDPE Bags with inside liner
- Different types of packaging are available on request



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