



Mild-Matte A9 is an effective matting agent designed for polyester/TGIC powder coatings and has the following advantages:

- Lower gloss Lowest gloss of 12% @60° with very good balanced properties
- One-shot effect : No dry-blending is required
- Durability : Very good weathering resistances
- Other : Synthetic acrylic resin based

Typical Properties:

- Appearance : White or light yellow powder
- Volatile Organic Compounds (VOCs) : ≤3.0% (wt.%)
Thermal Gravimetric Analysis at 200°C/15min.
- Softening point, RING AND BALL : 100-125°C

Application:

Pre-mix and Co-extrusion [One-Shot Method]

Storage:

12months @27°C, Keep Dry

Safety and Caution :

- General powder coating safety regulations can be adapted for ZEHM products
- Unless otherwise noted, ZEHM products never contain any heavy metal elements, easy-flammable or explosive materials
- Personal Protective Equipments [PPE] are required to prevent the powder from oral or breath adsorption and skin direct contact
- Any contaminated body parts should be suggested to a rapid wash-away. Serious cases should look for the doctor's treatment

Recommended powder coating formula based on Mild-Matte A9:

Formulation No.	1#	2#	3#	4#	5#	6#	7#	8#	9#
DSM5300	546	--	--	--	--	--	300	--	--
DSM4600	--	546	--	--	--	--	--	--	--
DSM4900	--	--	552	--	--	--	246	246	552
Cytec 441	--	--	--	546	--	--	--	--	--
Cytec491	--	--	--	--	552	--	--	--	--
KINTE 3386(China)	--	--	--	--	--	546	--	300	--
TGIC	45	45	40	45	40	45	43	43	40
Resiflow PV-88, Worlee	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
Benzoin	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
Carbon Black MA100, Mitsubishi	--	--	--	--	--	--	--	--	9
BaSO ₄	100	100	100	100	100	100	100	100	343
TiO ₂	253	253	252	253	252	253	255	255	--
Mild-Matte A9	45	45	45	45	45	45	45	45	45
Total	1000	1000	1000	1000	1000	1000	1000	1000	1000
Bake Schedule	200°C/15min. (Object temperature)								
Gloss 60°[Gloss Units]	17%	14%	15%	17%	16%	17%	15%	16%	14%
Impact, [KG*cm]	+/-50								
Appearance	Smooth								

- Above formulas were illustrated only for reference. Please do trial first before batch order

Note:

Despite the surprising Mild-Matte A9 may give for your formula, batch powder Line Trial for the powder user is strongly recommended. ZEHM will not be responsible for the loss caused by not properly using our Product Data Sheet. We also never exclude the possibility of the better performances we have never found for Mild-Matte A9.

* For more detail technical information, please contact our sales persons or send E-mail to: zehm@gz-zehm.com