

SUNPMMA-S series

Anti Scratch  
Texture  
Matting



Crosslinked PMMA bead  
Poly-dispersed  
Refractive Index: 1.49  
Yellow Index: 3.0 Max



### Solvent Resistance Degree



Level 2 : Standard

Grade	D <sub>50</sub>	D <sub>100</sub>
SUNPMMA-S50C	4 - 8 $\mu$ m	11.83 $\mu$ m
SUNPMMA-S50	4 - 8 $\mu$ m	15.65 $\mu$ m
SUNPMMA-S100	8 - 11 $\mu$ m	22.73 $\mu$ m
SUNPMMA-S150	11-15 $\mu$ m	30.07 $\mu$ m
SUNPMMA-S200	17-21 $\mu$ m	36.24 $\mu$ m
SUNPMMA-S250	20-24 $\mu$ m	43.67 $\mu$ m
SUNPMMA-S300	25-30 $\mu$ m	57.77 $\mu$ m
SUNPMMA-S400	30-40 $\mu$ m	69.61 $\mu$ m
SUNPMMA-S500	40-50 $\mu$ m	83.89 $\mu$ m
SUNPMMA-S600	50-60 $\mu$ m	121.8 $\mu$ m
SUNPMMA-S700	60-70 $\mu$ m	161.2 $\mu$ m
SUNPMMA-S800	70-80 $\mu$ m	161.2 $\mu$ m
SUNPMMA-S900	80-90 $\mu$ m	234 $\mu$ m

## Anti Scratch & Texture agent

### More repeatable and uniform Texture

- ⇒ Real spherical
- ⇒ Tight oversized particle control

### Better Anti Scratch

- ⇒ Higher hardness of PMMA
- ⇒ Better slip due to real spherical shape

### Higher Melting point

- ⇒ No loss of texture in air dry or bake systems
- ⇒ Higher processing temperature, better productivity

### Hard to fall off from the film due to its compatibility binder

### Solvent resistance

- ⇒ Easy to disperse
- ⇒ Better stability

### Best recommend for

塑胶漆和金属漆中作为抗刮伤剂&质感纹理剂

(1) Plastic & Coil Coating



塑胶漆

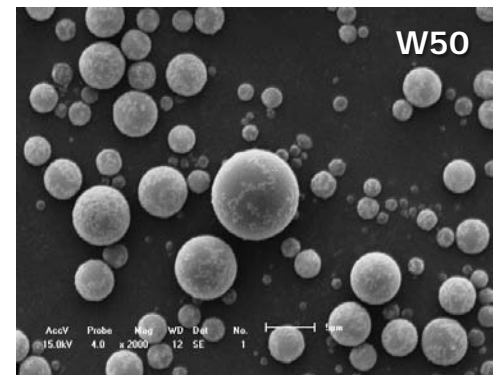


金属漆

(2) Additive to Release Agent

COLOR Acryl beads  
Poly-dispersed

Grade	Descriptions	Particle Size ( $\mu\text{m}$ )	
		D50	D100
SUNPMMA-W50	TiO2 30%	4 ~ 6	15.65



Best recommend for

- 1) W50 Spacer for Reflection film for LCD BLU