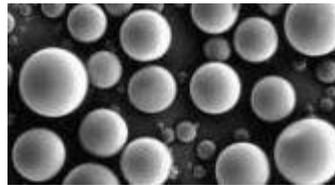
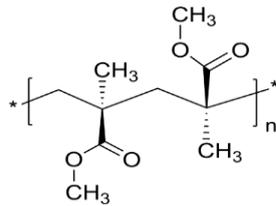


Technical Data Sheet

Microsil AC4

Description



Chemical Name Poly(Methyl Methacrylate)
 CAS # 9011-14-7

PMMA poly-dispersion microsphere is an easy to disperse in solvent, waterborne and UV-curable coatings that it also can act as a matting agent, widely used as a texture surface for UV inks, Flexo/Gravure inks, Home appliances, Wood coating, Leather finishing, ceramic and Plastic film or Glass anti-blocking agent.

Specifications

Item	Specification
Appearance	White micro fine powder
N.V. (%)	Min. 98
Tg (°C)	Min. 120
Softening point (°C)	Min. 240
Average particle size (d ₅₀ , μm)	4
Density (g/ml)	1.13
Refraction index	1.49

Applications

- Anti-scratch, Anti-blocking and matting agent
- Texture paint
- Particle size can be controlled within the range of 3~120 μm
- Solvent resistance (Non-swelling in MEK and BA related solvents)
- PMMA's composition can be modified such as softness, heat-resistance and refractive index
- Processes for applying coating by brush, roller and spray

Delivery & Storage

- Storage at ambient temperature in the dark and keep container closed
- Keep away from fire at handling and storing places
- Under dust conditions, static electricity may cause an explosion
- Keep away contact with oxidizing materials for prevention of fire and dust explosion