

Technical Data Sheet

Microsil PMMA5

Methyl Methacrylate Crosspolymer
CAS# 9011-14-7

Description

PMMA microsphere is widely used to improve the dispersion combined with personal care and make-up. It fills in unevenness in the skin and also makes wrinkles appear smoother.

Specifications

Item	Specification
Appearance	White powder
Assay	Min. 98.0
Particle Size (d_{50} , μm)	5.0 ± 2.0
Refraction Index	1.49
Heavy Metals	
Pb (ppm)	N.D.
As (ppm)	N.D.
Hg (ppm)	N.D.
Cd (ppm)	N.D.
Free monomer (ppm)	Max. 2
Oil absorption (ml/100g)	0.65

Applications

It has excellent spreading properties for slipping agents and optical blurring properties. These properties are applied to compact powders, foundations, suntan creams and body lotions.

Storage

Storage at ambient temperature in the dark and keep container closed. Keep away from fire at handling and storing places. Keep away contact with oxidizing materials and electricity for prevention of fire.