



## GLOXIL LIGHT K25 MAM

Field of application: Thermoplastics

### Description

GLOXIL K25 MAM is a micro hollow glass sphere whose surface has been modified with a special methacryl functional group. The process parameters are selected in such a way that, on the one hand, anchoring to the surface takes place and, on the other hand, released by-products are removed as far as possible during production. Undesirable by-products, such as occur during in-situ mixing (i.e. during the direct addition of the additives), are therefore practically completely prevented.

During compounding, the methacrylic groups of GLOXIL K25 MAM provide good wetting and very good dispersion in the matrix polymer. During crosslinking in unsaturated polymers, the methacrylic groups of GLOXIL K25 MAM react with the polymer in the presence of radicals.

### Characteristics

Color CIELAB scale:	L*	98
Volatile matter at 105°C RT 20°C/ RH 50		0,1 %
True density		0,25 g/cm <sup>3</sup>
Bulk density		0,12 g/cm <sup>3</sup>
Particle size distribution	D <sub>50</sub> D <sub>97</sub>	50 µm 100 µm
Surface area BET		2 m <sup>2</sup> /g
Thermal conductivity		0,080 W/(m·K)

### Packaging

Paper bags		á 12,5 kg
Big Bags		on request

### Shelf life

1 years if stored properly under dry conditions.