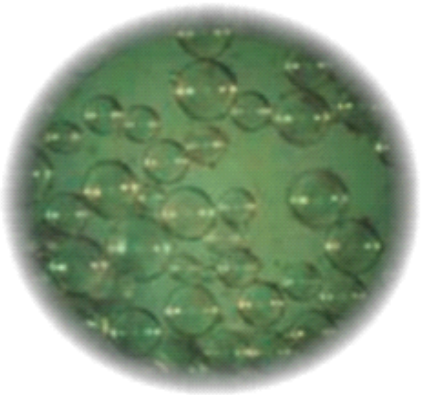
Micro-Ballon Glass Bubbles white

Lightweight hollow microspheres offer latitude in manufacturing low density products. These single cell hollow mcrospheres appear as a white free flowing powder. The spheres are hydrophobic in nature. As filler, the primary function is to reduce resin usage and density but can enhance other properties as well.



Product Designation:

Appearance:	Free-Flowing White Powder	
Physical Form:	Hollow non-porous microspheres	
Composition:	CAS Nummer EINECS-Nr. /	REACH-Registration
Amorphes Natriumborsilikat:	50815-87-7	-
Synthetisch amorphe Kieselsäure:	7631-86-9	231-545-5

Typical Properties:

True Density² (g/cm²):	0.22 ± 0.03	
Effektive Dichte³ (g/cm³):	0.19 ± 0.03	
Bulk Density⁴ Untamped (g/cm³):	0.21	Gas Pycnometer (ASTM D2840)
Max Particle Size D90 (µm):	< 150	
Mean Particle Size (µm):	< 80	Malvern Particle Size Analyser
Festigkeit in % Volumenverlust:	500 psi // 3.4 Mpa	Isostatic N_2 Gas pressure
Colour:	White	Hunterlab Colorimeter
Alkalinity:	Low Alkali Leach	
Heat Capacity Kj.Kg.°C:	1	
Thermal Conductivity 21°C:	0.056 (W/m.K)	

1 Typical values, not for specification purposes
2 True Density is the particle density as measured by Gas Displacement
3 Effective Density is the particle density as measured by liquid displacement