

59850 - 59852 Glass Flakes, white

The glass flakes are C glass platelets, approximately 5 µm thick and 45 – 1700 µm wide. The good chemical resistance of borosilicate C glass makes these flakes ideal for use in vinyl ester, epoxy, acrylic paints and acrylic coatings as a barrier against corrosive attack by chemical and moisture.

Technical Data Sheet

	59850	59851	59852
Particle size (nominal)	600 µm	160 µm	15 µm
Particle size distribution	approx. 45 – 1700 µm	approx. 45 – 300 µm	approx. 45 µm
Particle thickness	approx. 5 µm	approx. 5 µm	approx. 5 µm
Bulk density	0.20 g/cm ³	0.40 g/cm ³	0.75 g/cm ³

Technical Parameter:

Glass type: Boro silicate glass (C-Glass)
 Density: 2.52 g/cm³
 Melting point: 700°C

Chemical composition:

SiO ₂	65 - 70 %
Al ₂ O ₃	2 - 6 %
CaO	4 - 9 %
MgO	0 - 5 %
B ₂ O ₂	2 - 7 %
Na ₂ O + K ₂ O	9 - 13 %
ZnO	1 - 6 %