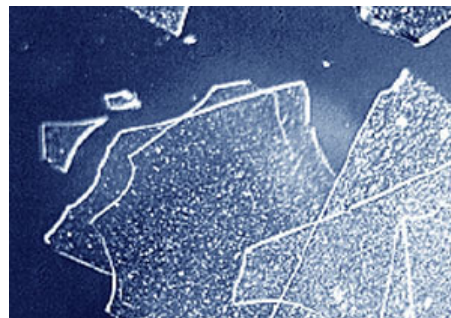


MICROGLAS® Glass Flake

Nippon Sheet Glass Co., Ltd.



Properties

- C-glass platelet of about 5µm thick and 10~4,000µm wide
- Extends life of protective coating : dispersed through the coating, prevents the ingress of water vapor and chemical solutions
- Prevents cracking and peeling : provides a thermal stabilization layer in the protective coating
- Improves wear resistance : increases hardness of epoxy and polyester resin coatings
- Improves chemical resistance: Borosilicate C-glass makes good resistance to chemical attacks, compared to other types of glass

Microglas® Glass Flake is ideal for use in vinyl ester, epoxy, acrylic paints and acrylic coatings as a barrier against corrosive attack by chemicals and moisture.

Specifications

Refs	Glass	Specific gravity	Thickness (µm)	Particle size distribution (in µm)					Loss of ignition	Surface treatment agent	Bulk density (g/cc)
				>1700	1700-300	300-150	150-45	<45			
RCF-600	C	2.5	5+/-2	0	>80		<20		-	-	0.20
RCF-160	C	2.5	5+/-2	0	<10	>65		<25	-	-	0.40
RCF-015	C	2.5	5+/-2	0	<12			>88	-	-	0.75
RCF-160A	C	2.5	5+/-2	0	<10	>65		<25	0.15+/-0.10	Amino silane	0.40
RCF-160N	C	2.5	5+/-2	0	<10	>65		<25	0.15+/-0.10	Acryl silane	0.40

Microglas® Glass flake is available in a range of surface treatments to suit different resins:
N (Acryl silane) for vinyl ester / A (Amino silane) for Epoxy



Packaging

Microglas® Glass Flake is supplied in moisture proof paper bags, each containing 20kg net weight. For bulk shipments, the bags of glass flake are palletised and further protected by cardboard and polyethylene wrapping:

- **RCF-600** 14 x 20 kg bags = 280 kg total net weight per pallet
- **RCF-160** 28 x 20 kg bags = 560 kg total net weight per pallet
- **RCF-015** 48 x 20 kg bags = 960 kg total net weight per pallet

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