

## Product Information

Glass Frit is an inorganic sealant used to seal electronic components, such as AMOLED and OLED panels. A glass-based seal will reliably protect them from moisture and air, creating a perfect, or hermetic, seal. Our products feature superior laser absorption, high sealing strength and printability, which is ideal for low temperature local heat sealing.

		Sealant Comparison	Organic	Glass Frit
Application	AMOLED, OLED Light, Sensor	Hermeticity	Low	High
Specifications	Powder type, Paste type	Reactivity	High	Low
Printing	Screen printing, Dispenser	Curing Method	Heat, UV	Heat, Laser
Sealing	Heat, Laser			

\*Tw : working temperature

The particle sizes listed are for our standard production models, but can be customized to support unique specifications.

Spec	Tg (°C)	Tw (°C)	CTE (×10 <sup>-7</sup> /C)	Color	D50 (μm)	D90 (μm)	Type
YPF 003	240-260	290-320	110-120	Transparent	10.0 ± 10	55.0 ± 10	Frit/Paste
YPF 002	280-300	330-350	115-125	Transparent	10.0 ± 10	55.0 ± 10	Frit/Paste
YHF 001	560-580	650-700	40-50	Transparent	10.0 ± 10	55.0 ± 10	Frit/Paste

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1411	260-280	360-400	70-80	Light Brown	<2.0	<5.0	Frit/Paste
LSF 002	265-285	370-400	70-80	Light Brown	<2.0	<5.0	Frit/Paste
1318	275-285	350-390	120-130	Light Brown	<2.0	<5.0	Frit/Paste
8301	285-295	360-400	140-150	Light Brown	<2.0	<5.0	Frit/Paste
3118	285-295	390-430	65-75	Light Brown	8.0 ± 10	28.0 ± 10	Frit/Paste
1315	305-325	370-410	80-90	Brown	10.0 ± 10	55.0 ± 10	Frit/Paste
2008	305-325	380-420	55-65	Brown	<2.0	<5.0	Frit/Paste
1609	305-325	400-450	55-65	Brown	<2.0	<5.0	Frit/Paste
2005	310-330	400-450	45-55	Brown	<2.0	<5.0	Frit/Paste
YMF 001	320-340	440-460	82-92	White	10.0 ± 10	55.0 ± 10	Frit/Paste
V8P23	345-350	420-460	105-115	Brown	8.0 ± 10	28.0 ± 10	Frit/Paste
3019	345-350	440-480	65-75	Light Brown	8.0 ± 10	28.0 ± 10	Frit/Paste
BTE	350-360	480-530	130-140	White	8.0 ± 10	28.0 ± 10	Frit/Paste
3202	375-395	530-550	80-90	White	8.0 ± 10	28.0 ± 10	Frit/Paste

We are proudly a member of IGCA