

EMPOWERING



SOLAR EFFICIENCY

Powder glass / Glass paste

Lead-free Glass powder for electrodes on solar cells

应用于太阳能电池电极的无铅玻璃粉

Characteristics

Composition : Bismuth series glass (lead-free)
 Grain diameter : 1 μ m or less
 Softening point : 450 $^{\circ}$ C~600 $^{\circ}$ C
 Acid resistance : Twice as much or more when compared with lead-containing glass

特征 组成: 铋系玻璃(无铅)
 粒径: 1 μ m 以下
 软化点: 450 $^{\circ}$ C~600 $^{\circ}$ C
 耐酸性: 2倍于有铅玻璃

PRODUCT DESCRIPTION

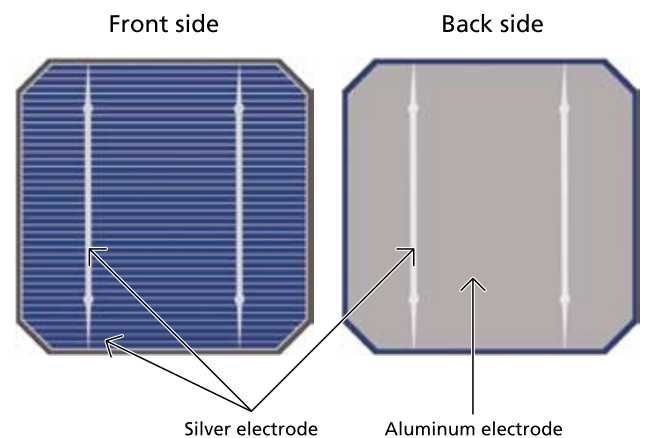
Type
Applications

Powder glass / Glass paste
Silver and aluminum binder for solar cells for front and back side paste

类型
应用

玻璃粉 / 玻璃浆
太阳能电池正反面的银铝电极保护

Code	Glass Type	(DTA)	Particle property
		Softening Point	
		($^{\circ}$ C)	(μ m)
ASF1096	B ₂ O ₃ · Bi ₂ O ₃	405	1.0
ASF4001	B ₂ O ₃ · ZnO · Bi ₂ O ₃	472	0.6
K1255	B ₂ O ₃ · Bi ₂ O ₃	431	0.5
DPS157	B ₂ O ₃ · Bi ₂ O ₃	511	0.7
DPS164	B ₂ O ₃ · Bi ₂ O ₃	520	0.9



ASAHI GLASS CO., LTD.

Shin-Marunouchi Bldg., 1-5-1 Marunouchi Chiyoda-ku, Tokyo 100-8405 Japan

[Contact] https://www.agc.co.jp/webEntry/jsp/display/01_e.jsp Phone: +81-(0)3-3218-5781 Facsimile: +81-(0)3-3218-7863