

PHOTOVOLTAIC GLASS ENAMEL FOR SOLAR PANELS



Japan Belleview



Features

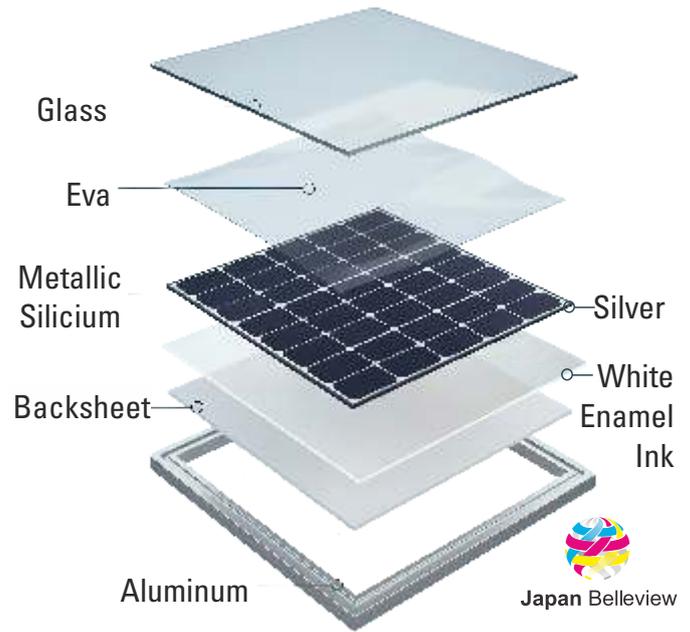
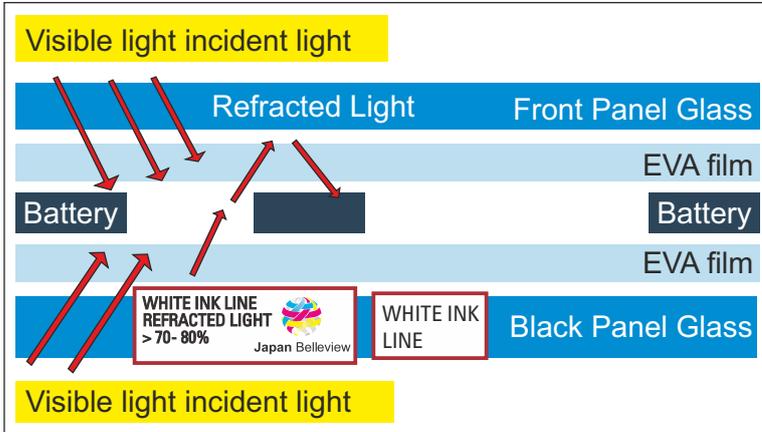
- Highly Reflective
- Improve Power Generation Efficiency
- Corrosion Resistance
- Ball Impact Resistance
- Weather Resistance
- Heavy Metal Free
- Qualify Performance Test
- SGS Environmental Protection Certified



+91 9210626626

Photovoltaic Glass Enamel

Spinks World is proud to offer highly reflective photovoltaic glass enamels used in solar panels. These high-reflection white enamels boost the power generation efficiency of PV modules, while high-transparent color enamels serve decorative purposes. Made with eco-friendly, water-based enamel mediums, our coatings are tested for safety & deliver exceptional performance.



Physical Properties

CODE	ITEM	UNIT	PARAMETERS	BJ-HP-1-8W
1.	Solid Contain	%	78 ± 2	78.02
2.	Particle Size	um	<10	<10
3.	Wet Film thickness	um	20±8	22~26
4.	Adhesion	/	0 grade cross knife test	0 grade
5.	Reflection Rate	%	450nm, 550nm, 650nm ≥ 79% (white grid)	81.15
6.	Gloss	/	2.7 ± 0.5 Glossmeter	3.1
7.	Optical Density	/	1.00 ± 0.2 Optical densitometer	0.954
8.	Peel off EVA film strength test	N	≥ 70N Tensile testing machine	77.184
9.	Potential Induced Degradation test	/	1500V, 85°C, 85%RH, 96h No discoloration in appearance	No discoloration in appearance
10.	Pressure Cook Test aging test		PCT aging test chamber 121°C, 100%RH, 96h ΔR≤1%adhesion level peeling force ≥40N	Grade 0 ΔR=0.8% adhesion peel strength 70.092
11.	IntensityTest	MPa	>100 (glaze up)	121.3
12.	Ball drop test	%	227g steel ball height 70cm , 10 glass pass rate>70%	95cm height pass rate>90%



Spinks World (H.Q.): Plot No.135, Pace City-1, Sec 37 Gurugram 122001, Haryana, India.

Email: info@spinksworld.com | Website: www.spinksworld.com | Contact: +91 9210626626

Sales Offices:

India : Ahmedabad | Baddi | Bengaluru | Chennai | Delhi | Gurugram | Hyderabad | Haridwar | Kolkata | Manesar | Mumbai | Pune | Tirupur

Global : Bangladesh | Nepal | Srilanka | UAE | USA | Switzerland