

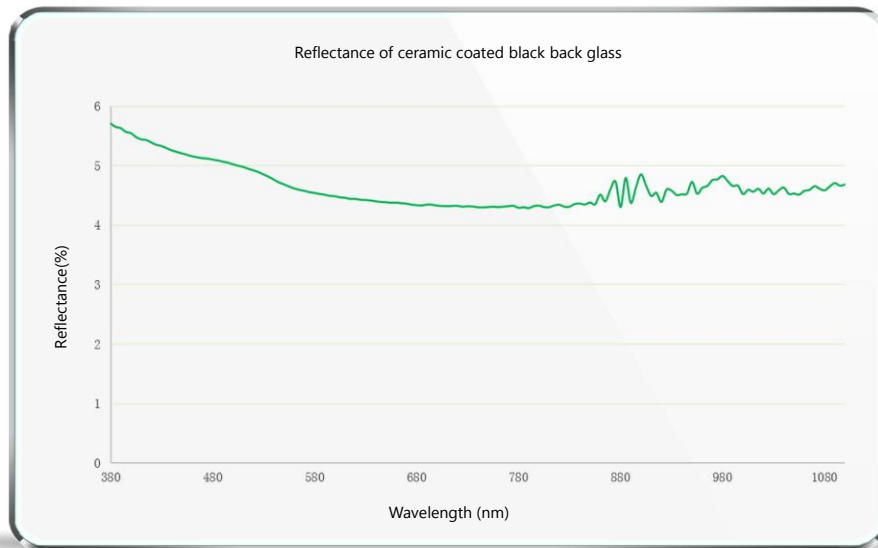
## Ceramic coated back glass

-- Specially designed for all-black dual glass module

- Residential solar system can be beautiful.  
All black dual glass module gives you a visual treat to your house
- Light weight — Glass thickness  $\leq 2\text{mm}$
- Best moisture barrier, best protection to the module

*Appearance matters most!*





## Mechanical Characteristics

Items	Criteria	Results
Bending strength	Bending strength > 120Mpa	Pass
Static loads	Static pressure of 2400pa on glass for 2 hours	No damage
Impact resistance	Steel ball (227g) free-falling from 1m height	No damage

## Glass Dimensional Characteristics

Length and Width	Maximum dimension: 2200mm × 1100mm Minimum dimension: 550mm × 550mm Dimension tolerance: ±1mm
Thickness	2.0 ± 0.1mm
Chamfer	Width ≤ 2mm ± 1mm Length ≤ 2mm ± 1mm Angle ≤ 45 ± 20°
Diagonal difference	If diagonal is 0 - 1000mm, diagonal difference should not exceed 2mm If diagonal is 1000 - 3000mm, diagonal difference should not exceed 4mm

## Ceramic coating Physical Characteristics

Hardness	3H
Adhesion	≤ 1
Reflectance (380-1100nm)	> 5%
Film thickness	25±5μm

## Optical Characteristic

Glass type	Transmittance (380-780nm)
Clear float glass	≥ 90%

## Glass Planarity

Global bow	≤ 0.3%
Local bow	≤ 0.167%

## Glass Elemental Composition

SiO <sub>2</sub>	70%~75%
Fe <sub>2</sub> O <sub>3</sub>	770~1500ppm