

China 3mm Colorless Float Glass Manufacturer

About Colorless Float Glass

Colorless Float glass is the core base product for most of common glass products, it is derived from the manufacturing process where molten glass is poured from the furnace and floated evenly onto a bed of molten tin. The glass is gently cooled under controlled conditions to anneal the glass which enables the glass to be cut and modified.

3mm Colorless Float Glass Characteristic

- Optical clarity with high light transmission 90%
- Smooth and distortion free flat surface
- Easily fabricated like cut, tempered, laminated, etched, etc.
- Flexible specification to reduce slice loss

3mm Colorless Float Glass Available Size

914X1220mm, 1220x1830mm, 1650x2200mm, 1830x2440mm, 2140x3300mm, 2140x3660mm, 2250x3300mm, 2250x3660mm, and any other size can be produced as per customer's requirement.

3mm Colorless Float Glass Application

The 3mm transparent float glass is widely use to make [6.38mm clear laminated glass](#), and cut to use as PVC window glass, interior door glass, greenhouse glass, etc.

Colorless Float Glass Quality Standard

In accordance with GB11614; BS EN572-2 European standard; ASTM C 1036 USA standard

CLEAR FLOAT GLASS TECHNICAL DATA

| mm | (kg/m ²) | Visible Light % | | Solar Radiant Heat % | | | | Shading Coefficient (s.c) | U Value (W / M ²) | Sound Insulation (dB) |
|----|-----------------------|-----------------|--------------|----------------------|--------------|--------|-----------------|---------------------------|-------------------------------|-----------------------|
| | | Transmission | Reflectivity | Direct Penetrate | Reflectivity | Absorb | Total Penetrate | | | |
| 2 | 5 | 91 | 8 | 87 | 8 | 5 | 88 | 1.01 | 5.9 | * |
| 3 | 7.5 | 90 | 8 | 85 | 8 | 7 | 87 | 1 | 5.8 | 30 |
| 4 | 10 | 90 | 8 | 83 | 8 | 9 | 85 | 0.98 | 5.8 | 30 |
| 5 | 12.5 | 89 | 8 | 81 | 7 | 12 | 84 | 0.97 | 5.7 | 31 |
| 6 | 15 | 89 | 8 | 80 | 7 | 13 | 83 | 0.95 | 5.7 | 31 |
| 8 | 20 | 88 | 8 | 76 | 7 | 17 | 81 | 0.93 | 5.7 | 33 |
| 10 | 25 | 87 | 8 | 73 | 7 | 20 | 79 | 0.91 | 5.6 | 35 |
| 12 | 30 | 86 | 8 | 71 | 7 | 22 | 77 | 0.89 | 5.6 | 36 |
| 15 | 37.5 | 85 | 8 | 66 | 7 | 27 | 73 | 0.84 | 5.4 | 38 |
| 19 | 47.5 | 84 | 8 | 62 | 7 | 31 | 70 | 0.81 | 5.3 | 40 |

for reference only.



Clear Float Glass Production Plant



Clear Float Glass Safety Packing

