

TRANSPARENT SUBSTRATE WITH NON-TRANSPARENT FILM
ABSTRACT OF THE DISCLOSURE

5 A transparent substrate with non-transparent film includes a transparent substrate; and a non-transparent film formed on the transparent substrate.

10 The non-transparent film includes first projections, each having a diameter of greater than 10 μm , in a cross section, at a height of 0.05 μm plus a bearing height of a surface shape obtained by measuring a region of (101-111 μm) $\times$ (135-148 μm); and second projections, each having a diameter of 1-10 μm or less, in a cross section, at a height of 0.5 μm plus the bearing height of the surface shape.

15 A maximum height of each of the first projections, with reference to a height at a lowest part in the region, is 8.0-30.0 μm .

A number of the second projections is 0.001-0.05 per 1 μm^2 , and an average height of the second projections, with reference to the bearing height, is 1.50-5.00 μm .
20 (FIG. 2)