CLAIMS

1. An anti-glare film, comprising:
a translucent base (A); and
an anti-glare layer (B), wherein
the anti-glare layer (B) is laminated on the translucent base (A),
the anti-glare layer (B) contains fine particles,
the weight-average particle size of the fine particles is in a range from 5.5 to 10 μm,
asperities are formed on an outermost surface of the anti-glare film on a side of the anti-glare layer (B), and
the asperities satisfy the following mathematical equations (1) and (2):

$$Ry \geq 1 \quad (1)$$

$$\theta a \geq 0.7 \quad (2)$$

where in the mathematical equation (1), Ry is a maximum height [μm] of a convex portion of the asperities, and
in the mathematical equation (2), θa is an average tilt angle [°] of the asperities.

2. The anti-glare film according to claim 1, wherein
asperities are formed on a surface of the anti-glare layer (B) on a side opposite to the translucent base (A), and
a weight-average particle size of the fine particles is larger than a thickness obtained by subtracting the maximum height of the convex portion of the asperities from a maximum thickness of the anti-glare layer (B).

3. The anti-glare film according to claim 1 or 2, further comprising:
other layer laminated on the surface of the anti-glare layer (B) on the side opposite to the translucent base (A).

4. An anti-glare film, comprising:
a translucent base (A);
an anti-glare layer (B); and
other layer, wherein
the anti-glare layer (B) and the other layer are laminated in this order on the translucent

base (A),

the anti-glare layer (B) contains fine particles,

the weight-average particle size of the fine particles is in a range from 5.5 to 10 μm,

asperities are formed on an outermost surface of the other layer, and

the asperities satisfy the following mathematical equations (1) and (2):

$$Ry \geq 1 \quad (1)$$

$$\theta a \geq 0.7 \quad (2)$$

where in the mathematical equation (1), Ry is a maximum height [μm] of a convex portion of the asperities, and

in the mathematical equation (2), θa is an average tilt angle [°] of the asperities.

5. A method for producing the anti-glare film according to any one of claims 1 to 4, comprising the step of:

forming the anti-glare layer (B) on the translucent base (A) so as to satisfy the mathematical equations (1) and (2), wherein

the anti-glare layer (B)-forming comprises the steps of:

coating a coating liquid on the translucent base (A); and

forming a coating film by drying the coated coating liquid, and

the coating liquid contains a resin, a solvent, and fine particles.

6. The method according to claim 5, wherein

the anti-glare layer (B)-forming further comprises the step of curing the coating film.

7. An optical member comprising the anti-glare film according to any one of claims 1 to 4.

8. The optical member according to claim 7, which is a polarizing plate.

9. An image display device comprising the anti-glare film according to any one of claims 1 to 4 or the optical member according to claim 7 or 8.

10. The image display device according to claim 9, which is a public information display.