CLAIMS

1. An infrared reflecting film comprising: a transparent film substrate; and a first metal oxide layer, an infrared reflecting layer mainly made of silver, and a light absorptive metal layer disposed in this order from a transparent film substrate side, wherein

the first metal oxide layer is formed of a composite metal oxide containing zinc oxide and tin oxide,

the light absorptive metal layer has a thickness of 2 nm to 10 nm, and contains at least one selected from the group consisting of nickel, chromium, niobium, tantalum and titanium,

no metal layer is deposited between the transparent film substrate and the infrared reflecting layer, and

a sum of thicknesses of the infrared reflecting layer, the light absorptive metal layer and all metal oxide layers on the transparent film substrate is 50 nm or less.

2. The infrared reflecting film according to claim 1, wherein the transparent film substrate includes a cured resin layer on a surface at a side where the first metal oxide layer is provided, and the cured resin layer and the first metal oxide layer are in direct contact with each other.

3. The infrared reflecting film according to claim 1 or 2, wherein the first metal oxide layer and the infrared reflecting layer are in direct contact with each other.

4. The infrared reflecting film according to any one of claims 1 to 3, wherein the first metal oxide layer has a thickness of 2 nm to 15 nm.

5. The infrared reflecting film according to any one of claims 1 to 4, further comprising a transparent resin layer on a surface of the light absorptive metal layer at a side opposite to the infrared reflecting layer.

6. The infrared reflecting film according to any one of claims 1 to 5, having a visible light transmittance of 10% to 50%.