CLAIMS

1. A protective film-forming composite sheet comprising:

a support sheet;

a protective film-forming film provided on one surface of the support sheet; and

a coating layer provided on a surface of the support sheet on a side opposite to a side where the protective film-forming film is provided,

wherein a gloss value of a surface of the coating layer on a side opposite to a side where the coating layer and the support sheet are in contact with each other is in a range of 32 to 95, and

the value of [thickness (μm) of coating layer]/[surface roughness Ra (μm) of surface of support sheet on side where coating layer is provided] is in a range of 0.5 to 10.

2. The protective film-forming composite sheet according to claim 1,

wherein a peeling force of a release film measured according to the following method using the protective film-forming composite sheet which further includes the release film on the protective film-forming film is 10 mN/50 mm or less,

(method of measuring peeling force of release film)

the protective film-forming composite sheet having a width of 50 mm and a length of 100 mm which includes the protective film-forming film on which the release film is provided is formed into a laminate whose first outermost layer is the coating layer and second outermost layer is the release film by overlapping a plurality of the coating layers such that all the coating layers are directed to the same direction and a total thickness of the coating layers is in a range of 10 to 60 μm, the laminate is allowed to

stand at 40°C for 3 days in a lamination direction of the protective film-forming composite sheet while a force of 980.665 mN is applied thereto, and the peeling force when the release film closest to the coating layer which is the first outermost layer in the lamination direction is peeled off from the coating layer adjacent to the release film under conditions of a peeling rate of 300 mm/min and a peeling angle of 180° is measured.

3. The protective film-forming composite sheet according to claim 1 or 2, wherein the support sheet includes a base material and a pressure sensitive adhesive layer which are laminated on each other, and

the protective film-forming composite sheet is formed by laminating the coating layer, the base material, the pressure sensitive adhesive layer, and the protective film-forming film in this order.

4. The protective film-forming composite sheet according to claim 3, wherein the pressure sensitive adhesive layer is energy ray curable or non-energy ray curable.

5. The protective film-forming composite sheet according to any one of claims 1 to 4,

wherein the protective film-forming film is thermosetting or energy ray curable.