

PRE-COATED METAL

SOLID

P.C.M

DK DKDONGSHIN

SOLID

HOME APPLIANCE PRODUCT

ABOUT SOLID

This product uses high polymer polyester coatings with aluminum particles to achieve a premium metallic color on metal surfaces.

With excellent workability, it is ideal for use on household appliance surfaces that require precise pressing.

APPLICATION



Refrigerator Door

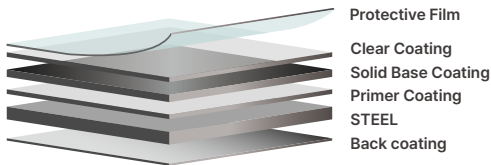


Washing Machine



TV & Monitor Bezel

STRUCTURE OF PRODUCT



PRODUCT STANDARDS

Thickness	Width	Coil.I.D.
GI, EGI 0.3 - 1.0T	500 - 1,500mm	Discussion

PRODUCT PROPERTY

Property	Measurement	Test Standards
Bending(Adhesion)	25°C x 180° Bending	Customer Discussion
M.E.K Rubbing	M.E.K Rubbing x 1kg	30-50 ↑ (Flat)
Pencil Hardness	MIT-UN x 1kg x 45°	HB ~ F ↑
Erichsen Test	1mm x H100 x Erichsen 6mm	Natural Pelling Off
Impact Test	1/2" x 50cm x 500g	No Crack & No Peel off
Resistance of UV ravs	25°C x 15W x 20cm x 24hrs	DE ≤ 1.5
Chemical Resistance	25°C x 5% NaOH / HCL / CH3COOH x 24hrs	No Change Color&Surface
Anti-Solvent Test	25°C x Xylene/Toluene/Benzene x 24hrs	No Change Color&Surface
Salt Spray Test	35°C x 5% Nacl x SALT SPRAY (EGI : 240hrs , GI : 480hrs)	No more 2mm blister on the cross-cut

* The above criteria may vary depending on the application, material, color, and gloss, requiring prior consultation

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