

APA BOND

Technical information & features for Polyester coating finish Alu 0,2

| <u>Testing Item</u> | <u>Standard</u> | <u>Result</u> |
|------------------------------------|----------------------------|--|
| Finish coat Thickness | ISO 2360 (CNS 8406)° | 20-22 μ |
| Gloss | ASTM D532-89 | 20~98% |
| Pencil hardness | ASTM D3363-00 | 2H |
| Toughness | ASTM D4145-83 | 2T no rift |
| Adhesive force | ASTM 3359-97 | 4B |
| Impact resistance | ASTM D2794-93 | >100 kg.cm |
| Boiling-water resistance | ASTM 3359-B | Passed |
| Acid resistance | ASTM D1308-87 | No effect |
| . | AAMA 605,2-91,TEST #7,7.31 | . |
| Alkali resistance | ASTM D1308-87 | Passed |
| Solvent resistance | ASTM D2248-73 | Passed |
| . | ECCA T5&NCCA NO.11-18 | . |
| Unit weight | ASTM D792 | 2mm = 2.73 kg/m ² 3mm = 3,76 Kg/m ² 4mm = 4,79 Kg/m ² |
| Thermal expansion | ASTM D696 | $3.0 \times 10^{-5} \text{ C}^{\circ-1}$ |
| Thermal deformation Temperature | ASTM D648 | 104 C° |
| Penetrating resistance | ASTM D732 | 1650 kgf |
| Adhesive strength | ASTM D903 | 0,74 kgf/mm |
| Shear resistance | ASTM D732 | 2.6kgf / mm ² |
| Minimum bending radius | ASTM D790 | 45mm 70mm |

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