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| PLASTAR[®] | PRODUCT | APET Solid Sheet / Roll |
| | GRADE | APET-TR |
| | THICKNESS | 0.3~2.0mm |

Plasticizer or stabilizer is not required when producing, safe and no harm to the human body.

| Properties | Test method | Condotion | Unit | Value |
|------------------------------|-------------|-----------|---------|-------|
| PHYSICAL PROPERTIES | | | | |
| Specific gravity | ASTM D792 | Natural | - | 1.33 |
| OPTICAL PROPERTIES | | | | |
| Light Transmittance | ASTM D1003 | - | % | 90 |
| HAZE | ASTM D1003 | - | % | 1 |
| MECHANICAL PROPERTIES | | | | |
| Tensile strength | ASTM D638 | 50mm/min | Mpa | 64 |
| Tensile strain | ASTM D638 | 50mm/min | % | 4.2 |
| Flexural strength | ASTM D790 | 2.8mm/min | Mpa | 78 |
| Flexural Modulus | ASTM D790 | 2.8mm/min | Mpa | 2500 |
| Izod impact strength | ASTM D256 | - | J/m | 66 |
| Rockwell hardness | ASTM D785 | - | R Scale | 116 |
| THERMAL PROPERTIES | | | | |
| Heat deflection temperature | ASTM D648 | 0.45Mpa | °C | 69 |
| Vicat softening Temperature | ISO 306 | B/50 | °C | 70 |

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|--------------------|---|---|
| Application |  |  |
| | Poster clear cover | Clear clamshell packaging |