EUROPEAN VINYLS CORPORATION

# Type PR 105

| Characteristics | Transparent rigid PVC film, impact modified, high surface brilliance for glossy/glossy surface reduced stress-whitening for cold-bending |
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| Surface finish | glossy glossy | glossy semimatt | matt glossy | matt semimatt | matt matt | supermatt supermatt |
|---|---|---|---|---|---|---|
| Thickness range mm | 0,050 – 0,400 | - | 0,150 – 0,300 | 0,080 – 0,300 | 0,150 – 0,400 | - |

| | |
|---|---|
| **Embossings** | upon request |
| **Colours** | glassclear neutral (0015), colours see colour swatch |
| **Physiological properties** | Complies with the german Bedarfsgegenständeverordnung according to the current regulations. |
| **Special versions** | Antistatic version (NF grade) (1 C), 0,080 – 0,300 mm, (1 D), < 0,200 mm, metallising quality (4 A), 0,080 – 0,300 mm metallised (4 B), wet-offset modified (4 D or 4 G), UV-stabilisation (5 A), improved light- and UV-stability (1 L). |

| Properties | Test method | Value | unit |
|---|---|---|---|
| **Thickness tolerances** < 0,200 mm | DIN 53370 | +/- 10 | % |
| 0,200 – 0,400 mm | | +/- 7 | |
| > 0,400 mm | | - | |
| **Density** | DIN 53479 | 1,34 | g/cm³ |
| **Tensile impact strength** | EN ISO 8256-A-3 | > 600 (gls/gls) | kJ/m² |
| **Tensile strength** | EN ISO 527-3/2/50 | 50 – 56 (gls/gls) | N/mm² |
| **Vicat softening temperature** | EN ISO 306, method VST/B50 in water/as laminated sample | 77 +/- 1 | °C |
| **Cold resistance** | DIN 53372 | - 18 (gls/gls) | °C |
| **Max. shrinkage (MD) oven, warm air** | DIN 53377 140°C/10 min. | surface (gls/gls) | % |
| **thickness** < 0,100 mm | | max. – 15 | |
| 0,200 - 0,400 mm | | max. – 7 | |
| > 0,400 mm | | max. – 5 | |
| **Printability** | flexo-, gravure-, screen-, letterpress- and wet-offset printing (4 D or 4 G) | | |
| **Weldability** | thermal impulse / high frequency | | |
| **Punchability** | good | | |
| **Glueability** | with PVC adhesive | | |

| Forms of supply | | Rolls | | Sheets | | |
|---|---|---|---|---|---|---|
| **Surface** | **Thickness mm** | **max. width small calender** | **mm large calender** | **max. width mm** | **max. length mm** | **(master size) mm** |
| glossy/glossy | < 0,100 | 1800 | -- | -- | -- | -- |
| | 0,100 – 0,145 | 1350 | 1840 | 1350 | 1500 | 3000 |
| | 0,146 – 0,500 | 1400 | 2080 | 1400 | 1500 | 3000 |
| matt/glossy | 0,150 – 0,195 | 1300 | - | 1300 | 1500 | 3000 |
| | 0,196 – 0,300 | 1350 | - | 1350 | 1500 | 3000 |
| matt/semimatt | 0,080 – 0,145 | 1250 | - | 1250 | 1500 | 3000 |
| | 0,146 – 0,195 | 1300 | - | 1300 | 1500 | 3000 |
| | 0,196 – 0,300 | 1350 | - | 1350 | 1500 | 3000 |
| matt/matt | 0,150 – 0,195 | 1300 | - | 1300 | 1500 | 3000 |
| | 0,196 – 0,400 | 1350 | - | 1350 | 1500 | 3000 |
| **Cutting/slitting tolerances mm** | | +/- 0,5 | | +/- 0,5 | +/- 0,5 | (-0/+4) |