EUROPEAN VINYLS CORPORATION

# Type PR 316

| Characteristics | Opaque rigid PVC film, high impact strength, < 0,850 mm good surface structure for printing applications, good thermoformability |
|---|---|

| Surfac finish | glossy glossy | glossy semimatt | matt glossy | matt semimatt | matt matt | supermatt supermatt |
|---|---|---|---|---|---|---|
| Thickness range mm | 0,200 – 1,200 | 0,100 – 1,200 | 0,100 – 0,300 | - | 0,250 – 0,300 | - |

| | |
|---|---|
| **Embossings** | upon request |
| **Colours** | opaque white, colours see colour swatch |
| **Physiological properties** | Complies with the german Bedarfsgegenständeverordnung according to the current regulations. |
| **Special versions** | 0,100 – 0,800 mm antistatic version (NF grade) (1 C),<br>0,400 – 0,850 mm wet-offset modified (4 D),<br>UV-stabilisation (5 A) |

| Properties | Test method | Value | uniet |
|---|---|---|---|
| **Thickness tolerances** **< 0,200 mm**<br>**0,200 – 0,400 mm**<br>**> 0,400 mm** | DIN 53370 | +/- 10<br>+/- 7<br>+/- 5 | % |
| **Density** | DIN 53479 | 1,32 (unpigment.) | g/cm³ |
| **Tensile impact strength** | EN ISO 8256-A-3 | > 650 (gls/gls) | kJ/m² |
| **Tensile strength** | EN ISO 527-3/2750 | 45 – 51 | N/mm² |
| **Vicat softening temperature** | EN ISO 306, method VST/B50 in water/as laminated sample | 79 +/- 1 | °C |
| **Cold resistance** | DIN 53372 | - 30 (0,300 mm) | °C |
| **Max. shrinkage (MD) oven, warm air**<br>**thickness: < 0,200 mm**<br>**0,200 - 0,400 mm**<br>**> 0,400 mm** | DIN 53377<br>140°C/10 min. | surface (gls/gls)<br>max. – 7<br>max. – 5<br>max. – 4 | % |
| **Printability** | flexo-, gravure-, screen- and wet-offset print. (4 D) (PVC inks) | | |
| **Weldability** | thermal impulse / high frequency / ultrasonic | | |
| **Punchability** | good | | |
| **Glueability** | with PVC adhesives | | |

| Forms of supply | | Rolls | | Sheets | | |
|---|---|---|---|---|---|---|
| **Surface** | **Thickness mm** | **max. width small calender** | **mm large calender** | **max. width mm** | **max. length mm** | **(master size) mm** |
| gls/gls | 0,100 – 0,145 | 1300 | 2000 | 1300 | 1500 | 3000 |
| hgls/gls | 0,146 – 0,600 | 1300 | -- | 1300 | -„- | -„- |
| ab 200µm | 0,601 – 0,800 | 1300 | -- | 1300 | -„- | -„- |
| | > 0,800 | 1200 | -- | 1200 | -„- | -„- |
| gls/smt | 0,100 – 0,145 | 1300 | 2000 | 1300 | 1500 | 3000 |
| | 0,146 – 0,300 | 1350 | 2050 | 1350 | -„- | -„- |
| mtt/mtt | 0,250 – 0,300 | 1350 | -- | 1350 | 1500 | 3000 |
| **Cutting/slitting tolerances mm** | | +/- 0,5 | | +/- 0,5 | +/- 0,5 | (-0/+4) |