

téfanyl[®] A large range of
PVC flexible Compounds
for the footwear industry



| | VP CP 706 | VP CP 717 | VP CP 768 | VP CP 721 | VP EX 768 | VP SX 778 | VP EX 778 | VP HX 878 | VP EX 817 |
|-------------------------------------|----------------------------------|---|------------------------------------|------------------------------------|-----------------------------------|--------------------------------|-----------------------------------|-----------------------------------|--------------------------------------|
| CHARACTERISTICS | Crystal compact good translucent | Translucent compact high level mechanical | Opaque compact economical standard | Opaque compact good oil resistance | Opaque expanded economical direct | Opaque expanded bright colours | Opaque expanded economical direct | Opaque expanded very light direct | Opaque expanded very light for soles |
| APPLICATIONS | Soles sandals | Soles direct injection | Soles boots | Safety shoes boots | Canvas shoes | Slippers medium expanded | Slippers expanded | Slippers high expanded light | Soles light |
| PROPERTIES | | | | | | | | | |
| Range of hardness Shore A (15 sec.) | 52 to 83 | 52 to 83 | 52 to 83 | 57 to 73 | 52 to 68 | 57 to 66 | 57 to 66 | 55 to 58 | 50 to 60 |
| Typical hardness* Shore A | 68 | 68 | 70 | 63 | 62 | 62 | 62 | 58 | 57 |
| Density Compact Expanded | 1.19 - | 1.19 - | 1.23 - | 1.16 - | - 0.90 | - 0.90 | - 0.80 | - 0.75 | - 0.75 |
| Modulus at 100 % Mpa | 4.3 | 4.6 | 5.2 | 3.4 | **NA | **NA | **NA | **NA | **NA |
| Extension at break % | 450 | 410 | 380 | 420 | **NA | **NA | **NA | **NA | **NA |
| Tensile strength Mpa | 10.5 | 10.5 | 10.2 | 9.3 | **NA | **NA | **NA | **NA | **NA |
| Tear strength N/mm | 32 | 56 | 59 | 48 | 46 | **NA | **NA | **NA | **NA |
| Brittle temperature °C | -40 | -40 | -37 | -45 | -45 | -40 | -40 | -45 | -45 |
| Abrasion loss mm ³ | 150 | 160 | 200 | 135 | 300 | 320 | 350 | >500 | >400 |
| Translucent colours | Yes | Yes | No | No | No | No | No | No | No |

* The characteristics are for typical hardness - ** NA Not applicable

The values and data communicated are based on our laboratory tests and our experience. These values are average ones and are only meant as a guide. They are given free of our responsibility.