

## PVC TECHNICAL DATA

| Properties                | Test Method                           | Unit                    | Duraflex   | Polaflex | Spectraflex | Supapolaflex |
|---------------------------|---------------------------------------|-------------------------|--|----------|-------------|--------------|
| Specific Density - 20°    | DIN 53 479<br>ASTM D79                | g/cm <sup>3</sup>       | 1.2  | 1.18     | 1.18-1.45   |              |
| Shore Hardness A          | DIN 53 505                            |                         | 73   | 63       | 65-95       |              |
| Elongation at break       | DIN 53 455<br>ASTM D638<br>NFT 51 034 | %                       | 340  | 390      | 280-400     |              |
| Tensile Strength at Break | DIN 53 455<br>ASTM D638<br>NFT 51 034 | daN/<br>mm <sup>2</sup> | 1.6  | 1.15     | 1-2         |              |
| Elongation After Break    | NFT 51 034                            | %                       | 68   | 76       | 50-80       |              |
| Water Absorption          | DIN 53 495                            | %                       | -0.2   | -0.2     | -0.2        |              |
| Light Transmittance       | ASTM D 1003                           | %                       | >80  | >75      |             |              |
| Initial Tear Resistance   | DIN 53 515                            | daN/<br>mm <sup>2</sup> | >50  | >28      | 28-70       |              |
| Vicat Point               | NFT 51 021                            | °C                      | 50   | 48       | 46-60       |              |
| Temperature Resistance    | CLASH BERG                            | °C                      | +50/-15  | +30/-40  | +50/0       | +20          |
| Sound Resistance          | DIN 52 210                            | dB                      | >35  | >35      | >35         |              |
| Brittle Point             | DIN53372 C                            |                         | -35  | -45      |             | -58          |
| Flexibility               | DIN51949<br>break                     |                         | -37  | -51      |             | -65          |
| UV Test                   | Days no<br>change                     |                         | 248  | 222      |             | 210          |
| Manufacturing Tolerances  |                                       | mm                      | Thickness - +0.2/-0.4<br>Width - +/- 5<br>Weights - +/- 4% |          |             |              |