

Polyurethane



Characteristics and comparison of Besthane Soft vs. a high quality Rubber Wheel; Blickle's ALEV wheel

- The Polyurethane wheel has 20% more elasticity (Resiliency) than the Rubber Wheel.
- It also has 4 times more resistance to abrasion



| | Norm | Blickle Besthane® Soft | Standard - solid elastic rubber |
|----------------------------|-------------|-------------------------|---------------------------------|
| Shore hardness | DIN 53505 | 75° + 5° Shore A | 65° ± 3° Shore A |
| Abrasion resistance | DIN 53516 | 42 - 45 mm ³ | 180 mm ² |
| Rebound resiliency | DIN 53512 | 75% | 55% |
| Rolling resistance | at Ø 200 mm | 0,70% | 1,30% |
| Tensile strength | DIN 53504 | 43 N/mm ² | 16 N/mm ² |
| Breaking elongation | DIN 53504 | 600% | 380% |
| Compression set | DIN 53517 | 11% | 10% |