


# Technical Information

 **VULKOLLAN** 93° Shore A



## Mechanical features

Shore hardness A	DIN 53 505	93°
Density in g/cm <sup>3</sup>	DIN 53 479	1,26
Elongation at rupture in %	DIN 53 504	approx. 650
Tensile stress in MPa at 100%	DIN 53 504	9,5 - 10,0
Modulus of elasticity in MPa at 20°C	DIN 53 457	80 - 90
Impact resilience in %	DIN 53 512	55 - 60
Resistance to tear propagation in kN/m	DIN 53 515	60 - 65
Compression set in % 70 h, 23°C	DIN 53 517	10 - 11
Abrasion loss in mm <sup>3</sup>	DIN 53 516	39
Coefficient of friction (traction) on wet floor at 8000 N		0,10
Rolling resistance at 20°C in % of charge	(average)	0,8 - 0,9
Starting resistance at 20°C in % of charge	(average)	1,1 - 1,4

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All values indicated in this table are approximative values resulting from our own tests or informations given by our raw material suppliers.

The normed values refer to special test samples, so that these values are not directly applicable for wheels and castors. Furthermore these values change under such influences as temperature, humidity, duration of charge, compression, etc.

No legal obligation.

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