

Polyurethane 70-80-90 Shore A

Specifications for thickness 1.0 mm to 10.0 mm

Physical characteristics	Dimension unit	Test method	Value		
			Sh. A 70	Sh. A 80	Sh. A 90
Tensile strength	N/mm ²	DIN 53505	35	45	40
Elongation at break	%	DIN 53504	500	550	500
Tear strength (with nick)	N/mm	DIN 53507	30	40	55
Abrasion loss	mm ³	DIN 53516	<45	<50	<50
Specific gravity	g/cm ³	DIN 53479	1,24	1,24	1,24

Specifications for thickness 12.0 mm

Physical characteristics	Dimension unit	Test method	Value		
			Sh. A 70	Sh. A 80	Sh. A 90
Tensile strength	N/mm ²	DIN 53505	40	40	45
Elongation at break	%	DIN 53504	550	550	575
Tear strength (with nick)	N/mm	DIN 53507	30	40	60
Abrasion loss	mm ³	DIN 53516	<20	<20	<25
Compression set RT/24h	%	DIN ISO 815	10	20	20
Compression set 70°C/24h	%	DIN ISO 815	20	30	30
Specific gravity	g/cm ³	DIN 53479	1,24	1,24	1,24

Tested at room temperature and regular relative humidity. The given values are guiding values.

The specified values are based on tests under laboratory conditions and demonstrate standard values. Therefore, the values cannot be taken as a warranty of features. The application of our products is beyond our control and does not absolve the user of tests by his own concerning the intended use.