

MAX H-PUR MATERIAL DATA SHEET

Properties	Value	Unit	Standard
Hardness at 20°:	95 +/-3	Shore A	DIN 53505
Hardness at 20°:	45 +/-3	Shore D	DIN 53505
Density:	1,21	g/cm³	DIN ISO 1183-1
100% Modulus:	>11.5	N/mm2	DIN 53504
300% Modulus:	>28.5	N/mm2	DIN 53504
Tensile strength:	>45	N/mm2	DIN 53504
Elongation at break:	>370	%	DIN 53504
Rebound resilience:	>28	%	DIN 53512
Tear strength:	>100	N/mm²	DIN ISO 34-1
Abrasion:	<16	mm3	DIN 53516
Coefficient of friction (dyn.):	<0.2	μ	ASTM D1894
Compression set:*	<17	%	DIN ISO 815-1
Compression set:**	<21	%	DIN 53517
Compression set:***	<84	%	DIN 53517
Min. service temperature:	-25	°C	
Max. service temperature (short term):	+150 (+165)	°C	
g Glass Transition Temp.:	-24	°C	

*Compression set @ 70°C, 70 hours, 10% deflexion

**Compression set @ 70°C, 24 hours, 20% deflexion

***Compression set @ 100°C, 24 hours, 20% deflexion