

PA6G wear

Polyamide 6 casted, beige

- Substitute for POM at bigger ODs than 280mm
- Resistant to mineral oil and diluted acids and bases
- Applicable for Backup Rings and Guide Rings

Properties	Value	Unit	DIN Standard
Hardness	85 ± 3	Shore D	DIN ISO 7619-1
Density	1,15	g/cm ³	DIN 53479
Water absorption	6	%/24h	DIN 53495
Fire performance	94V-2		UL 94 Test
E-Modulus	3900-4200	MPa	DIN 53452
Elongation at break	40	%	DIN 53455
Tensile strength	88-90	MPa	DIN 53455
Impact strength	No break	kJ/m ²	DIN 53453
Ball indentation hardness	163	MPa	DIN 53456
Heat distortion	0,28	W/mK	DIN 53461
Therm. coefficient of linear exp.	8	1/K.10 ⁻⁵	DIN 53752
Melting point	220	°C	DIN 53736
min. Service temperature	-40	°C	
max. Service temperature	+110	°C	
Sliding coefficient	0,4	μ	

All above stated data result from random tests which were taken from the ongoing production. All data were established based on standard test-specimen according to ISO, DIN and ASTM standards and can basically not be carried over to the construction element.

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