

PA6G wear

Polyamide

Standard colour: beige

- Over 280mm substitute for POM
- Resistant to mineral oil, HFD-U, HETG=biological base and diluted acids and bases
- Applicable for Backup Rings and Guide Rings

Properties	Value	Unit	DIN Standard
Hardness	85 ± 3	Shore D	DIN 53505
Density	1,15	g/cm ³	DIN 53479
Water absorption	6	%/24h	DIN 53495
Fire performance	94V-2		UL 94 Test
Modulus of elasticity in tension	3900-4200	N/mm ²	DIN 53452
Elongation at break	40	%	DIN 53455
Tensile strength at break	88-90	N/mm ²	DIN 53455
Impact strength	No break	kJ/m ²	DIN 53453
Ball indentation hardness	163	N/mm ²	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	