

Comparison of the properties of PUA80A and PUM80A

PUA80A		PUM80A
80 ShA	Hardness	80 ShA
32 MPa	Tensile strength	44 MPa
4.6 MPa	100% modulus	5.5 MPa
8.2 MPa	300% modulus	12 MPa
580%	Major. elongation	520%
28 kN/m	Tear strength	32 kN/m
61%	Flexibility (DIN 53512)	38%
47 mm ³	Abrasion resistance (10 N)	45 mm ³
29%	Remaining def. (70 °C, 22 h)	20%

PUA is a polyether-based polyurethane and therefore has better hydrolysis resistance, while PUM is polyester-based, so it has better oil resistance than the PUA80A type.

* These are the values given by the raw material manufacturers, the properties of the products may differ slightly.

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