

Erlan® 80

An elastomeric synthetic polyester-based polyurethane. The material is extremely durable and resistant to cut and tear. Available from stock in 70, 80 and 90 Shore A. Very well finished casting. By the elastomeric properties polyurethanes have an excellent damping function (depending on the hardness).

Properties	Test method	Value	Unit
ISO code:	ISO 1183	PUR	
Density:	ISO 1183-1	1,24	g/cm3
Max. allowable service temp (long period)	n/a	60	°C
Min. service temperature	n/a	-10	°C
Hardness (+/- 5°)	ISO 868	80	° Shore A
Tensile strength	DIN 53504	49	Mpa
Elongation at break	DIN 53504	570	%
Tear propagation resistance	DIN 53507	35	N/mm
Abrasion resilience	DIN 53516	29	mm3
Compression set, 24h, 70°C	ISO 815	20	%

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