

POLYelast

TPE Z900

SEBS-based

Property	Value	Unit	Standard
Density	0,90	g/cm ³	ISO 1183
Hardness Shore A (15 s)	90	Shore A	D2240
Hardness Shore D (15 s)		Shore D	D2240
Mould shrinkage (with flow)	1,7-2,4	%	ISO 294-4
Mould shrinkage (across flow)	1,7-2,4	%	ISO 294-4
Elongation at break	450	%	ISO 527-2
Maximum tensile strength	14	MPa	ISO 527-2
Modulus at 100% elongation	4,5	MPa	ISO/R527
Modulus at 300% elongation	6,2	MPa	ISO/R527
Tear strength	45	kN/m	D624
Compression set at 72h/23°C		%	DIN 53517
Compression set at 24h/70°C		%	DIN 53517
Abrasion resistance		mg	DIN 53516
Ozone and weather resistance	++		
Service temperature	-50 / +100	°C	

++ Very good

Version 1

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