

POLYelast

TPE S902A

SBS-based

Property	Value	Unit	Standard
Density	0,96	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)	1,5-2,2	%	ISO 294-4
Mould shrinkage (across flow)	1,5-2,2	%	ISO 294-4
Elongation at break	540	%	ISO 527-2
Maximum tensile strength	12	MPa	ISO 527-2
Modulus at 100% elongation	9,5	MPa	ISO/R527
Modulus at 300% elongation	10,5	MPa	ISO/R527
Tear strength		kN/m	D624
Compression set at 72h/23°C	66	%	DIN 53517
Compression set at 24h/70°C	80	%	DIN 53517
Abrasion resistance		mg	DIN 53516
Ozone and weather resistance	--		
Service temperature	-50 / +65	°C	

-- Poor

Version 1

2006-03-29

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