

# POLYelast

## TPE RCZ350D UV4

UV-resistant

Property	Value	Unit	Standard
Density	0,90	g/cm <sup>3</sup>	ISO 1183
MFI at 230°C/2,16kg	13	g/10min	ISO 1133
Hardness Shore A (15 s)	97	Shore A	D2240
Hardness Shore D (15 s)	35	Shore D	D2240
Mould shrinkage (with flow)	0,9-1,3	%	ISO 294-4
Mould shrinkage (across flow)	0,9-1,3	%	ISO 294-4
Elongation at break	585	%	ISO 527-2
Maximum tensile strength	14	MPa	ISO 527-2
Modulus at 100% elongation		MPa	ISO/R527
Modulus at 300% elongation		MPa	ISO/R527
Tear strength		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	<= +100	°C	

++ Very good

Version 1

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