

POLYelast

TPE ED80 D40 UV

Property	Value	Unit	Standard
Density	0,91	g/cm ³	ISO 1183
MFI at 230°C/2,16kg	8	g/10min	ISO 1133
Hardness Shore D (15 s)	40	Shore D	D2240
Mould shrinkage (with flow)	1,8-2,2	%	ISO 294-4
Mould shrinkage (across flow)	1,8-2,2	%	ISO 294-4
Elongation at yield	9	%	ISO 527-2
Maximum tensile strength	10	MPa	ISO 527-2
Flexural modulus at +23°C	450	MPa	ISO 178
Notched Charpy at +23°C	27	kJ/m ²	ISO 179
Unnotched Charpy at +23°C		kJ/m ²	ISO 179
Heat Distortion Temperature			
HDT 120°C/h at 455kPa (B)	50	°C	ISO 75/1
HDT 120°C/h at 1820kPa (A)		°C	ISO 75/1
Softening temperature			
Vicat 50°/h at 9,81N (A)	100	°C	ISO 306
Vicat 50°C/h at 49,05N (B)		°C	ISO 306

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