

POLYelast TPE R44 T10

TPE-MX10

Polykemi AB

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	12	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-
Molding shrinkage, parallel	1.3	%	ISO 294-4, 2577
Molding shrinkage, normal	1.3	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Strength	19	MPa	ISO 527
Yield strain	8	%	ISO 527
Flexural modulus, 23°C	750	MPa	ISO 178
Charpy impact strength, +23°C	N	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	28	kJ/m ²	ISO 179/1eA
ASTM Data			
Shore D Hardness	54	-	ASTM D 2240
Thermal properties			
ISO Data			
Temp. of deflection under load, 0.45 MPa	88	°C	ISO 75-1/-2
Vicat softening temperature, A	132	°C	ISO 306
Other properties			
Density	960	kg/m ³	ISO 1183

Characteristics**Processing**

Injection Molding

Regional Availability

Europe, Asia Pacific

Delivery form

Granules