

POLYelast TPE Z506

TPE

Polykemi AB

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	7	g/10min	ISO 1133
Temperature	190	°C	-
Load	5	kg	-
Molding shrinkage, parallel	1.7	%	ISO 294-4, 2577
Molding shrinkage, normal	1.7	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Strength	6	MPa	ISO 527
Strain at break	>50	%	ISO 527
Stress at 100% elongation	1.4	MPa	ISO 527
Stress at 300% elongation	7.5	MPa	ISO 527
Compression set at 23 °C, 24h	18	%	ISO 815
Compression set at 70 °C, 24h	40	%	ISO 815
ASTM Data			
Shore A Hardness	50	-	ASTM D 2240
Tear Strength	25	kN/m	ASTM D 624
Other properties			
Density	1150	kg/m ³	ISO 1183

Characteristics**Processing**

Injection Molding

Chemical Resistance

Ozone Resistance

Delivery form

Granules

Regional Availability

Europe, Asia Pacific

Special Characteristics

U.V. stabilized or stable to weather