

**POLYelast TPE Z706**

TPE

Polykemi AB

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt flow index, MFI	5	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	Value	Unit	Test Standard
<b>ISO Data</b>			
Tensile Strength	9.5	MPa	ISO 527
Strain at break	>50	%	ISO 527
Stress at 100% elongation	2.2	MPa	ISO 527
Stress at 300% elongation	12	MPa	ISO 527
Compression set at 23 °C, 24h	28	%	ISO 815
Compression set at 70 °C, 24h	50	%	ISO 815
<b>ASTM Data</b>			
Shore A Hardness	70	-	ASTM D 2240
Tear Strength	32	kN/m	ASTM D 624

Other properties	Value	Unit	Test Standard
Density	1150	kg/m <sup>3</sup>	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