

**POLYelast TPE Z557**

TPE

Polykemi AB

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt flow index, MFI	<b>1</b>	g/10min	ISO 1133
Temperature	<b>190</b>	°C	-
Load	<b>5</b>	kg	-
Molding shrinkage, parallel	<b>1.7</b>	%	ISO 294-4, 2577
Molding shrinkage, normal	<b>1.7</b>	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Tensile Strength	<b>3.5</b>	MPa	ISO 527
Strain at break	<b>&gt;50</b>	%	ISO 527
Stress at 100% elongation	<b>1.4</b>	MPa	ISO 527
Stress at 300% elongation	<b>6.6</b>	MPa	ISO 527
Compression set at 23 °C, 24h	<b>27</b>	%	ISO 815
Compression set at 70 °C, 24h	<b>53</b>	%	ISO 815
<b>ASTM Data</b>			
Shore A Hardness	<b>55</b>	-	ASTM D 2240

Other properties	Value	Unit	Test Standard
Density	<b>1180</b>	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Processing**

Injection Molding

**Delivery form**

Granules

**Special Characteristics**

U.V. stabilized or stable to weather

**Chemical Resistance**

Ozone Resistance

**Regional Availability**

Europe, Asia Pacific