

POLYelast TPE Z706EX

TPE

Polykemi AB

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	1.5	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
ISO Data			
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
ASTM Data			
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 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