

POLYelast TPE EC90 D50 P05B

TPE

Polykemi AB

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	11	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-
Molding shrinkage, parallel	1.4	%	ISO 294-4, 2577
Molding shrinkage, normal	1.4	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Strength	16	MPa	ISO 527
Strain at break	>50	%	ISO 527
Flexural modulus, 23°C	650	MPa	ISO 178
Charpy notched impact strength, +23°C	30	kJ/m ²	ISO 179/1eA
Charpy notched impact strength, -30°C	15	kJ/m ²	ISO 179/1eA
ASTM Data			
Shore D Hardness	53	-	ASTM D 2240
Thermal properties			
ISO Data			
Temp. of deflection under load, 0.45 MPa	87	°C	ISO 75-1/-2
Other properties			
Density	930	kg/m ³	ISO 1183

Characteristics**Processing**

Injection Molding

Regional Availability

Europe, Asia Pacific

Delivery form

Granules