

POLYelast TPE EC12 D55

TPE

Polykemi AB

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	1	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-
Mechanical properties			
ISO Data			
Tensile Strength	19	MPa	ISO 527
Yield strain	11	%	ISO 527
Strain at break	>50	%	ISO 527
Flexural modulus, 23°C	1150	MPa	ISO 178
Charpy notched impact strength, +23°C	34	kJ/m ²	ISO 179/1eA
Charpy notched impact strength, -30°C	25	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Temp. of deflection under load, 0.45 MPa	83	°C	ISO 75-1/-2
Vicat softening temperature, A	130	°C	ISO 306
Other properties			
Density	920	kg/m ³	ISO 1183

Characteristics**Processing**

Injection Molding

Regional Availability

Europe, Asia Pacific

Delivery form

Granules