

**POLYelast TPE HJ-75 UV1**

TPE-MX12

Polykemi AB

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt flow index, MFI	<b>12</b>	g/10min	ISO 1133
Temperature	<b>230</b>	°C	-
Load	<b>2.16</b>	kg	-
<b>Mechanical properties</b>			
<b>ISO Data</b>			
Tensile Strength	<b>18</b>	MPa	ISO 527
Strain at break	<b>&gt;50</b>	%	ISO 527
Flexural modulus, 23°C	<b>1000</b>	MPa	ISO 178
Charpy impact strength, +23°C	<b>N</b>	kJ/m <sup>2</sup>	ISO 179/1eU
Izod notched impact strength	<b>7</b>	kJ/m <sup>2</sup>	ISO 180/1A
Temperature	<b>-30</b>	°C	-
<b>ASTM Data</b>			
Shore D Hardness	<b>55</b>	-	ASTM D 2240
<b>Thermal properties</b>			
<b>ISO Data</b>			
Temp. of deflection under load, 0.45 MPa	<b>100</b>	°C	ISO 75-1/-2
Vicat softening temperature, A	<b>125</b>	°C	ISO 306
<b>Other properties</b>			
Density	<b>980</b>	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Processing**

Injection Molding

**Special Characteristics**

U.V. stabilized or stable to weather

**Delivery form**

Granules

**Regional Availability**

Europe, Asia Pacific