

**INNOPOL® CS 1-2140 LH**

PP-T40

Inno-Comp Kft.

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt volume-flow rate, MVR	15	cm <sup>3</sup> /10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Tensile Modulus	4000	MPa	ISO 527
Yield stress	31	MPa	ISO 527
Yield strain	3.2	%	ISO 527
Nominal strain at break	6.5	%	ISO 527
Flexural modulus, 23°C	4200	MPa	ISO 178
Charpy impact strength, +23°C	25	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy impact strength, -30°C	11	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	2.2	kJ/m <sup>2</sup>	ISO 179/1eA
Charpy notched impact strength, -30°C	1.5	kJ/m <sup>2</sup>	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	77	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	131	°C	ISO 75-1/-2
Vicat softening temperature, A	153	°C	ISO 306
Vicat softening temperature, B	90	°C	ISO 306

Other properties	Value	Unit	Test Standard
Density	1220	kg/m <sup>3</sup>	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	2	h	-
Processing humidity	≤0.07	%	-
Melt temperature	230 - 250	°C	-
Mold temperature	10 - 50	°C	-
Zone 1	190 - 230	°C	-

**Characteristics****Processing**

Injection Molding

**Delivery form**

Natural Color

**Features**

Thermal Stability, Homopolymer

**Regional Availability**

Europe