

INNOPOL® CS 1-1240 I-160

PP-K42

Inno-Comp Kft.

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	22	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-
Mechanical properties			
ISO Data			
Tensile Modulus	2900	MPa	ISO 527
Yield stress	25	MPa	ISO 527
Yield strain	3	%	ISO 527
Flexural modulus, 23°C	3250	MPa	ISO 178
Izod notched impact strength, +23°C	3.7	kJ/m ²	ISO 180/1A
Izod notched impact strength	2	kJ/m ²	ISO 180/1A
Temperature	-20	°C	-
Thermal properties			
ISO Data			
Temp. of deflection under load, 0.45 MPa	119	°C	ISO 75-1/-2
Other properties			
Density	1240	kg/m ³	ISO 1183
Processing Recommendation Injection Molding			
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	2	h	-
Processing humidity	≤0.07	%	-
Melt temperature	230 - 260	°C	-
Mold temperature	10 - 50	°C	-
Zone 1	190 - 250	°C	-

Characteristics**Processing**

Injection Molding

Features

Homopolymer

Delivery form

Natural Color

Regional Availability

Europe