

INNOPOL® CS 1-8000

PP

Inno-Comp Kft.

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	0.3	g/10min	ISO 1133
Temperature	230	°C	-
Load	5	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	1400	MPa	ISO 527
Yield stress	33	MPa	ISO 527
Yield strain	11	%	ISO 527
Flexural modulus, 23°C	1500	MPa	ISO 178
Charpy impact strength, +23°C	N	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	8	kJ/m ²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	50	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	93	°C	ISO 75-1/-2

Other properties	Value	Unit	Test Standard
Density	900	kg/m ³	ISO 1183

Processing Recommendation Extrusion	Value	Unit	Test Standard
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	2	h	-
Processing humidity	≤0.05	%	-
Melt temperature	200 - 230	°C	-
Zone 1	180 - 220	°C	-
Nozzle temperature	190 - 220	°C	-

Characteristics**Processing**

Other Extrusion

Delivery form

Natural Color

Features

Homopolymer

Chemical Resistance

General Chemical Resistance

Regional Availability

Europe