

INNOPOL® CS 4-8000

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	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	850	MPa	ISO 527
Yield stress	25	MPa	ISO 527
Yield strain	12	%	ISO 527
Charpy impact strength, +23°C	N	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	20	kJ/m ²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 0.45 MPa	68	°C	ISO 75-1/-2
Burning behav. at thickness h	HB	class	IEC 60695-11-10
Thickness tested	3.2	mm	-

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

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	2	h	-
Processing humidity	≤0.05	%	-
Melt temperature	230 - 260	°C	-
Mold temperature	15 - 50	°C	-
Zone 1	190 - 250	°C	-

Processing Recommendation Extrusion	Value	Unit	Test Standard
Type of extrusion	pipe/tube	-	-
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	2	h	-
Processing humidity	≤0.05	%	-
Melt temperature	200 - 220	°C	-
Zone 1	180 - 220	°C	-
Nozzle temperature	200 - 220	°C	-

Characteristics**Processing**

Injection Molding, Pipe/Tube Extrusion

Delivery form

Natural Color

Features

Copolymer, Random Copolymer

Certifications

Drinking water contact

Applications

Building Construction

Regional Availability

Europe