

procyclen® PP B12

PP

Interseroh Dienstleistungs GmbH

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	30	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-
Mechanical properties			
ISO Data			
Tensile Modulus	1350	MPa	ISO 527
Tensile Strength	20	MPa	ISO 527
Yield stress	25	MPa	ISO 527
Strain at break	16	%	ISO 527
Flexural modulus, 23°C	1350	MPa	ISO 178
Charpy notched impact strength, +23°C	4	kJ/m ²	ISO 179/1eA
Izod notched impact strength, +23°C	3.5	kJ/m ²	ISO 180/1A
Izod notched impact strength	2.5	kJ/m ²	ISO 180/1A
Temperature	-30	°C	-
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	50	°C	ISO 75-1/-2
Other properties			
Density	950	kg/m ³	ISO 1183

Characteristics**Processing**

Injection Molding

Regional Availability

Europe

Certifications

Recycled Resin Content