

PP C4200 90/17

PP OTHERS

MGG Polymers GmbH

The minimum recycled content of this PCR plastic material amounts to 97%.

Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt Flow Index, MFI	9	g/10min	ISO 1133
MFI temperature	230	°C	-
MFI load	2.16	kg	-

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	1100	MPa	ISO 527
Yield stress	23	MPa	ISO 527
Stress at Break	14	MPa	ISO 527
Notched Impact Strength (Izod), 23°C	7	kJ/m²	ISO 180/1A
Impact Strength (Izod), 23°C	84	kJ/m²	ISO 180/1U

Thermal Properties	Value	Unit	Test Standard
ISO Data			
Vicat softening temperature, 50°C/h 50N	80	°C	ISO 306

Other Properties	Value	Unit	Test Standard
ISO Data			
Density	950	kg/m³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80	°C	-
Melt temperature	190	°C	-
Mold temperature	30	°C	-

Processing Recommendation Extrusion	Value	Unit	Test Standard
Pre-drying - Temperature	80	°C	-
Melt temperature	200	°C	-

Characteristics

Processing	Certifications
Injection Molding, Other Extrusion	Recycled Resin Content
Delivery form	Applications
Black	General Purpose