

PCABS C6713 90/04

(PC+ABS)

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	20	g/10min	ISO 1133
MFI temperature	220	°C	-
MFI load	10	kg	-

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	2250	MPa	ISO 527
Yield stress	47	MPa	ISO 527
Stress at Break	40	MPa	ISO 527
Notched Impact Strength (Izod), 23 °C	37	kJ/m ²	ISO 180/1A
Impact Strength (Izod), 23 °C	123	kJ/m ²	ISO 180/1U

Thermal Properties	Value	Unit	Test Standard
ISO Data			
Vicat softening temperature, 50 °C/h 50N	110	°C	ISO 306

Other Properties	Value	Unit	Test Standard
ISO Data			
Density	1170	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	100	°C	-
Pre-drying - Time	4 - 5	h	-
Melt temperature	235	°C	-
Mold temperature	60	°C	-

Processing Recommendation Extrusion	Value	Unit	Test Standard
Pre-drying - Temperature	100	°C	-
Pre-drying - Time	4 - 5	h	-
Melt temperature	220	°C	-

Characteristics

Processing

Injection Molding, Other Extrusion

Delivery form

Black

Certifications

Recycled Resin Content

Applications

General Purpose