

PCABS C7613 70/16

(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	23	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	48	MPa	ISO 527
Stress at Break	42	MPa	ISO 527
Notched Impact Strength (Izod), 23°C	28	kJ/m²	ISO 180/1A
Impact Strength (Izod), 23°C	128	kJ/m²	ISO 180/1U

Thermal Properties	Value	Unit	Test Standard
ISO Data			
Vicat softening temperature, 50°C/h 50N	115	°C	ISO 306

Other Properties	Value	Unit	Test Standard
ISO Data			
Density	1160	kg/m³	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

Applications

General Purpose

Certifications

Recycled Resin Content