

AKROMID® C28 GFM 10/20 5 XTC black (7367)

(PA66+PA6)-(MD+GF)30

Akro-Plastic GmbH

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
Tensile Modulus	9500 / 6000	MPa	ISO 527
Stress at break	120 / 80	MPa	ISO 527
Strain at break	2.5 / 7	%	ISO 527
Flexural modulus, 23°C	8500 / 4300	MPa	ISO 178
Flexural strength	180 / 110	MPa	ISO 178
Charpy impact strength, +23°C	40 / 60	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	4 / 6	kJ/m ²	ISO 179/1eA

Thermal properties	dry / cond	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	245 / *	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	225 / *	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	30 / *	E-6/K	ISO 11359-1/-2
Coeff. of linear therm. expansion, normal	98 / *	E-6/K	ISO 11359-1/-2
Burning behav. at 1.5 mm nom. thickn.	HB / *	class	IEC 60695-11-10
Thickness tested	1.6 / *	mm	-

Other properties	dry / cond	Unit	Test Standard
Density	1380 / -	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Melt temperature	300	°C	-
Mold temperature	90	°C	-
Injection pressure	75	MPa	-

Characteristics**Processing**

Injection Molding

Delivery form

Black

Special Characteristics

Heat stabilized or stable to heat

Features

Low Warpage

Applications

Automotive

Regional Availability

Europe, Asia Pacific