

PRECITE® P3 GF 20 black (7609)

PBT-GF20

Akro-Plastic GmbH

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.5	%	ISO 294-4, 2577
Molding shrinkage, normal	1.0	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Modulus	7000	MPa	ISO 527
Stress at break	120	MPa	ISO 527
Strain at break	3.5	%	ISO 527
Charpy impact strength, +23°C	50	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	10	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	225	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	205	°C	ISO 75-1/-2
Burning behav. at 1.5 mm nom. thickn.	HB	class	IEC 60695-11-10
Thickness tested	1.6	mm	-
Electrical properties			
ISO Data			
Electric strength	33	kV/mm	IEC 60243-1
Other properties			
Density	1450	kg/m ³	ISO 1183

Characteristics**Delivery form**

Black

Applications

Automotive, Electrical and Electronical

Additives

Lubricants

Regional Availability

Europe, Asia Pacific

Chemical Resistance

General Chemical Resistance