

**PRECITE® P3 GF 30 black (22000)**

PBT-GF30

Akro-Plastic GmbH

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Molding shrinkage, parallel	0.3	%	ISO 294-4, 2577
Molding shrinkage, normal	0.9	%	ISO 294-4, 2577
<b>Mechanical properties</b>			
<b>ISO Data</b>			
Tensile Modulus	10000	MPa	ISO 527
Stress at break	150	MPa	ISO 527
Strain at break	3	%	ISO 527
Flexural modulus, 23°C	10000	MPa	ISO 178
Flexural strength	220	MPa	ISO 178
Charpy impact strength, +23°C	60	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	9	kJ/m <sup>2</sup>	ISO 179/1eA
<b>Thermal properties</b>			
<b>ISO Data</b>			
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 thickness h	HB	class	IEC 60695-11-10
Thickness tested	0.8	mm	-
<b>Other properties</b>			
Density	1530	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Delivery form**

Black

**Applications**

Automotive, Electrical and Electronical

**Chemical Resistance**

General Chemical Resistance

**Regional Availability**

Europe, Asia Pacific