

PRECITE® P3 S1 black (7522)

PBT

Akro-Plastic GmbH

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	1750	MPa	ISO 527
Yield stress	40	MPa	ISO 527
Yield strain	6.5	%	ISO 527
Stress at break	40	MPa	ISO 527
Strain at break	40	%	ISO 527
Charpy impact strength, +23°C	N	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	40	kJ/m ²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	225	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	52	°C	ISO 75-1/-2
Vicat softening temperature, B	138	°C	ISO 306
Burning behav. at thickness h	HB	class	IEC 60695-11-10
Thickness tested	0.8	mm	-

Other properties	Value	Unit	Test Standard
Density	1250	kg/m ³	ISO 1183

Characteristics**Delivery form**

Black

Applications

Automotive, Electrical and Electronical

Special Characteristics

High impact or impact modified

Regional Availability

Europe, Asia Pacific