

AKROLOY® PARA GF 50 8 black (8026)

PARA-GF50

Akro-Plastic GmbH

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.1	%	ISO 294-4, 2577
Molding shrinkage, normal	0.3	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	19800	MPa	ISO 527
Stress at break	300	MPa	ISO 527
Strain at break	2	%	ISO 527
Charpy impact strength, +23°C	70	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	17.5	kJ/m ²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	238	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	230	°C	ISO 75-1/-2

Other properties	Value	Unit	Test Standard
Density	1650	kg/m ³	ISO 1183

Characteristics**Delivery form**

Black

Regional Availability

Europe, Asia Pacific

Certifications

Food contact, Food approval 10/2011, Food approval FDA 21 CFR