

AKROMID® D3 GF 30 1 black (5392)

PA612-GF30

Akro-Plastic GmbH

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.4 / *	%	ISO 294-4, 2577
Molding shrinkage, normal	0.8 / *	%	ISO 294-4, 2577

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
Tensile Modulus	9500 / 7000	MPa	ISO 527
Stress at break	180 / 120	MPa	ISO 527
Strain at break	3.5 / 4.5	%	ISO 527
Charpy impact strength, +23°C	95 / 80	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	15 / 15	kJ/m ²	ISO 179/1eA

Thermal properties	dry / cond	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	215 / *	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	200 / *	°C	ISO 75-1/-2

Other properties	dry / cond	Unit	Test Standard
Density	1310 / -	kg/m ³	ISO 1183

Characteristics**Delivery form**

Black

Applications

Automotive

Special Characteristics

Heat stabilized or stable to heat

Regional Availability

Europe, Asia Pacific

Chemical Resistance

General Chemical Resistance