

AKROMID® D3 CGM 15/20 S1 black (6284)

PA612-(GF+CF)35

Akro-Plastic GmbH

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.4	%	ISO 294-4, 2577
Molding shrinkage, normal	0.9	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	13500	MPa	ISO 527
Stress at break	145	MPa	ISO 527
Strain at break	4	%	ISO 527
Charpy impact strength, +23°C	80	kJ/m ²	ISO 179/1eU
Charpy impact strength, -30°C	80	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	25	kJ/m ²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	215	°C	ISO 11357-1/-3
Burning behav. at thickness h	HB	class	IEC 60695-11-10
Thickness tested	0.8	mm	-

Other properties	Value	Unit	Test Standard
Density	1230	kg/m ³	ISO 1183

Characteristics**Delivery form**

Black

Applications

Automotive

Special Characteristics

Increased electrical conductivity, High impact or impact modified

Regional Availability

Europe, Asia Pacific