

AKROMID® C3 GFM 15/25 1 black (6653)

(PA66+PA6)-(MX+GF)40

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	0.9 / *	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Modulus	8000 / 4500	MPa	ISO 527
Stress at break	120 / 70	MPa	ISO 527
Strain at break	3 / 15	%	ISO 527
Charpy impact strength, +23°C	50 / 85	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	5 / 7	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	262 / *	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	230 / *	°C	ISO 75-1/-2
Burning behav. at 1.5 mm nom. thickn.	HB / *	class	IEC 60695-11-10
Thickness tested	1.6 / *	mm	-
Other properties			
Density	1450 / -	kg/m ³	ISO 1183
Processing Recommendation Injection Molding			
Melt temperature	300	°C	-
Mold temperature	90	°C	-
Injection pressure	75	MPa	-

Characteristics**Processing**

Injection Molding

Features

Low Warpage

Delivery form

Black

Applications

Automotive

Special Characteristics

Heat stabilized or stable to heat

Regional Availability

Europe, Asia Pacific