

**AKROMID® C3 GF 35 5 XTC black (5552)**

(PA66+PA6)-GF35

Akro-Plastic GmbH

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
Molding shrinkage, parallel	0.2 / *	%	ISO 294-4, 2577
Molding shrinkage, normal	0.7 / *	%	ISO 294-4, 2577

Mechanical properties	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
Tensile Modulus	11000 / 8000	MPa	ISO 527
Stress at break	200 / 135	MPa	ISO 527
Strain at break	3.3 / 6.5	%	ISO 527
Charpy impact strength, +23°C	100 / 95	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	18 / 19	kJ/m <sup>2</sup>	ISO 179/1eA

Thermal properties	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
Melting temperature, 10°C/min	245 / *	°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	dry / cond	Unit	Test Standard
Density	1400 / -	kg/m <sup>3</sup>	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Melt temperature	300	°C	-
Mold temperature	90	°C	-
Injection pressure	75	MPa	-

**Characteristics****Processing**

Injection Molding

**Applications**

Automotive

**Delivery form**

Black

**Regional Availability**

Europe, Asia Pacific

**Special Characteristics**

Heat stabilized or stable to heat