AKROMID® C3 GF 15 5 XTC natural (5088)

(PA66+PA6)-GF15 Akro-Plastic GmbH

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	**6200**	MPa	ISO 527
Stress at break	**125**	MPa	ISO 527
Strain at break	**2.4**	%	ISO 527
Charpy impact strength, +23°C	**40**	kJ/m²	ISO 179/1eU
Charpy notched impact strength, +23°C	**7**	kJ/m²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	**245**	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	**225**	°C	ISO 75-1/-2
Burning behav. at 1.5 mm nom. thickn.	**HB**	class	IEC 60695-11-10
Thickness tested	**1.6**	mm	-

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

Characteristics

Processing
Injection Molding

Delivery form
Natural Color

Special Characteristics
Heat stabilized or stable to heat

Applications
Automotive

Regional Availability
Europe, Asia Pacific