AKROMID® A3 ICF 20 5 black (6372)

PA66-CF20 — Akro-Plastic GmbH

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	**0.2 / ***	%	ISO 294-4, 2577
Molding shrinkage, normal	**0.8 / ***	%	ISO 294-4, 2577

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
Tensile Modulus	**16000 / -**	MPa	ISO 527
Stress at break	**200 / -**	MPa	ISO 527
Strain at break	**2 / -**	%	ISO 527
Charpy impact strength, +23°C	**50 / -**	kJ/m²	ISO 179/1eU
Charpy notched impact strength, +23°C	**5 / -**	kJ/m²	ISO 179/1eA

Thermal properties	dry / cond	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	**260 / ***	°C	ISO 11357-1/-3
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	**1220 / -**	kg/m³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Melt temperature	**320**	°C	-
Mold temperature	**100**	°C	-
Injection pressure	**75**	MPa	-

Characteristics

Processing
Injection Molding

Delivery form
Black

Special Characteristics
Heat stabilized or stable to heat

Features
Tribologic Grade

Regional Availability
Europe, Asia Pacific