

AKROMID® C3 ICF 30 5 XTC black (5473)

(PA66+PA6)-CF30

Akro-Plastic GmbH

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
Tensile Modulus	25000 / 10200	MPa	ISO 527
Stress at break	210 / 120	MPa	ISO 527
Strain at break	1.5 / 3.8	%	ISO 527
Flexural modulus, 23°C	21500 / 10700	MPa	ISO 178
Flexural strength	320 / 200	MPa	ISO 178
Charpy impact strength, +23°C	45 / 54	kJ/m ²	ISO 179/1eU
Charpy impact strength, -30°C	40 / -	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	7 / 10	kJ/m ²	ISO 179/1eA
Charpy notched impact strength, -30°C	6 / -	kJ/m ²	ISO 179/1eA

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

Other properties	dry / cond	Unit	Test Standard
Density	1280 / -	kg/m ³	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

Features

Tribologic Grade

Delivery form

Black

Regional Availability

Europe, Asia Pacific

Special Characteristics

Heat stabilized or stable to heat