

AKROLOY® PARA ICF 40 black (6129)

PARA-CF40

Akro-Plastic GmbH

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.1 / *	%	ISO 294-4, 2577
Molding shrinkage, normal	0.3 / *	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Modulus	38000 / 37000	MPa	ISO 527
Stress at break	260 / 250	MPa	ISO 527
Strain at break	1 / 1	%	ISO 527
Flexural modulus, 23°C	37000 / 35000	MPa	ISO 178
Flexural modulus	420 / 360	MPa	ISO 178
Charpy impact strength, +23°C	35 / -	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	7 / -	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	235 / *	°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	-
Electrical properties			
ISO Data			
Surface resistivity	* / 10000	Ohm	IEC 62631-3-2
Other properties			
Density	1400 / -	kg/m ³	ISO 1183

Characteristics**Delivery form**

Black

Regional Availability

Europe, Asia Pacific

Features

Tribologic Grade