

**PRECITE® E ICF 30 black (7429)**

PET-CF30

Akro-Plastic GmbH

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Molding shrinkage, parallel	<b>0.2</b>	%	ISO 294-4, 2577
Molding shrinkage, normal	<b>0.6</b>	%	ISO 294-4, 2577
<b>Mechanical properties</b>			
<b>ISO Data</b>			
Tensile Modulus	<b>24000</b>	MPa	ISO 527
Stress at break	<b>220</b>	MPa	ISO 527
Strain at break	<b>1.9</b>	%	ISO 527
Flexural modulus, 23°C	<b>24500</b>	MPa	ISO 178
Flexural strength	<b>325</b>	MPa	ISO 178
Charpy impact strength, +23°C	<b>44</b>	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	<b>6</b>	kJ/m <sup>2</sup>	ISO 179/1eA
<b>Thermal properties</b>			
<b>ISO Data</b>			
Melting temperature, 10°C/min	<b>260</b>	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	<b>215</b>	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	<b>5</b>	E-6/K	ISO 11359-1/-2
Coeff. of linear therm. expansion, normal	<b>73</b>	E-6/K	ISO 11359-1/-2
Burning behav. at thickness h	<b>HB</b>	class	IEC 60695-11-10
Thickness tested	<b>0.8</b>	mm	-
<b>Other properties</b>			
Density	<b>1450</b>	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Delivery form**

Black

**Features**

Tribologic Grade

**Applications**

Automotive, Electrical and Electronical

**Regional Availability**

Europe, Asia Pacific