

**DURAFIDE® 7140A4**

(PPS+PTFE)-CF30

Polyplastics

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Tensile Strength	<b>180</b>	MPa	ISO 527
Strain at break	<b>1.1</b>	%	ISO 527
Flexural modulus, 23°C	<b>22800</b>	MPa	ISO 178
Flexural strength	<b>270</b>	MPa	ISO 178
Charpy notched impact strength, +23°C	<b>4.5</b>	kJ/m <sup>2</sup>	ISO 179/1eA
Rockwell hardness	<b>M 105</b>	-	ISO 2039-2

<b>Thermal properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	<b>270</b>	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	<b>10</b>	E-6/K	ISO 11359-1/-2
Coeff. of linear therm. expansion, normal	<b>40</b>	E-6/K	ISO 11359-1/-2
Burning behav. at thickness h	<b>V-0</b>	class	IEC 60695-11-10
Yellow Card available	<b>yes</b>	-	-

<b>Electrical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Volume resistivity	<b>8</b>	Ohm*m	IEC 62631-3-1

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>1490</b>	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Additives**

Lubricants

**Regional Availability**

Asia Pacific

**Special Characteristics**

Increased electrical conductivity