

TECHNICAL DATA SHEET

# DURAFIDE® 7140A4

Polyplastics  
(PPS+PTFE)-CF30

**Additives**

Lubricants

**Special Characteristics**

Increased electrical conductivity

Mechanical Properties	Value	Unit	Standard
Tensile strength	180	MPa	ISO 527
Strain at break	1.1	%	ISO 527
Flexural modulus, 23°C	22800	MPa	ISO 178
Flexural strength	270	MPa	ISO 178
Charpy notched impact strength, +23°C	4.5	kJ/m <sup>2</sup>	ISO 179/1eA
Rockwell hardness	M 105		ISO 2039-2
Thermal Properties	Value	Unit	Standard
Temp. of deflection under load, 1.80 MPa	270	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	10	E-6/K	ISO 11359-1/-2
Coeff. of linear therm. expansion, normal	40	E-6/K	ISO 11359-1/-2
Burning behav. at thickness h	V-0	class	IEC 60695-11-10
Yellow card available	yes		
Electrical Properties	Value	Unit	Standard
Volume resistivity	8	Ohm*m	IEC 62631-3-1
Other Properties	Value	Unit	Standard
Density	1490	kg/m <sup>3</sup>	ISO 1183