

CAMPUS® Datasheet

Grilon AG-30 LF 15 black 9832 - PA66-GF30
EMS-GRIVORY | a unit of EMS-CHEMIE AG



Product Texts

Product-nomenclature: ISO 16396-PA66,GF30Z15,M1HRS,S14-060N

Product Attributes

Improved friction & wear properties, Improved heat resistance

Markets

Automotive

Hydraulic systems, Automotive electr. and electronics, lighting, Powertrain and Chassis

Electricals & Electronics

Electrical appliances

Industry & Consumer goods

Heating systems, Mechanical Engineering, Power transmission, Sports & Leisure, Tools & Accessories

Rheological properties	dry / cond	Unit	Test Standard
Molding shrinkage, parallel	0.4 / *	%	ISO 294-4, 2577
Molding shrinkage, normal	0.8 / *	%	ISO 294-4, 2577
Mechanical properties	dry / cond	Unit	Test Standard
Tensile modulus	6500 / 3000	MPa	ISO 527-1/-2
Stress at break	100 / 70	MPa	ISO 527-1/-2
Strain at break	4 / 8	%	ISO 527-1/-2
Charpy impact strength, +23°C	40 / 50	kJ/m ²	ISO 179/1eU
Charpy impact strength, -30°C	30 / 30	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	4 / 8	kJ/m ²	ISO 179/1eA
Charpy notched impact strength, -30°C	3 / 3	kJ/m ²	ISO 179/1eA
Thermal properties	dry / cond	Unit	Test Standard
Melting temperature, 10°C/min	260 / *	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	190 / *	°C	ISO 75-1/-2
Temp. of deflection under load, 8.00 MPa	70 / *	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	30 / *	E-6/K	ISO 11359-1/-2
Coeff. of linear therm. expansion, normal	100 / *	E-6/K	ISO 11359-1/-2
Burning behavior at thickness h	HB / *	class	IEC 60695-11-10
Thickness tested (h)	0.8 / *	mm	IEC 60695-11-10
Other properties	dry / cond	Unit	Test Standard
Water absorption	5 / *	%	Sim. to ISO 62
Humidity absorption	2 / *	%	Sim. to ISO 62
Density	1460 / -	kg/m ³	ISO 1183

Characteristics

Processing

Injection Molding

Delivery form

Granules

Additives

Lubricants

Special Characteristics

Heat stabilized or stable to heat

Regional Availability

North America, Europe, Asia Pacific, South and Central America, Near East/Africa

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EMS-CHEMIE AG Business Unit EMS-GRIVORY Homepage: [EMS-GRIVORY](#)

eMail: welcome@msgrivory.com The values are intended to serve as an aid in preselecting materials and for an overview of the EMS-GRIVORY

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