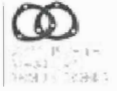


## Technical data sheet



PRODUCT CODE: JAH-COND-1 (FDA)

GRADE: NF

COMPOSITION: CONDUCTIVE PIGMENT

Property	Measuring method	Units	FT-COND-1(FDA)
Specific gravity	DIN EN ISO 1183-1	gr/cm <sup>3</sup>	2,13
Tensile CD**	ASTM D4745-08	N/mm <sup>2</sup>	23
Tensile MD*	ASTM D4745-08	N/mm <sup>2</sup>	--
Elongation CD**	ASTM D4745-08	%	230
Elongation MD*	ASTM D4745-08	%	--
Hardness	DIN 53505	Shore D	60
Bulk density	ASTM4894	gr/lt	--
Shrink diam.	INTERNAL	%	3,6
Volume Resistivity	IEC60093	Ω*cm	10□
Surface resistance	IEC60093	Ω	10□
Aver. particle size	Screen Fisher	micron	--
Rec. moulding pressure	INTERNAL	Kg/cm <sup>2</sup>	500
Max. sintering temperature	INTERNAL	°C	365

\*MD = Moulding direction \*\*CD = Cross direction

**Note<sup>1</sup>:** The information contained in this technical data sheet are based on our experience to date and we believe it to be reliable. It is intended only as a guide for use at your risk and discretion. We can not guarantee favourable results and assume no liability in connection with its use or the use of the products described. Non of this information is to be taken as a licence to operate under, or a recommendation to infringe any existing patents. Prior to any application the above product has to be tested and accepted by the processor.

**Note<sup>2</sup>:** In order to complete this data sheet, you can ask us for a DSC-TGA analysis and for a microscope photo.

Emission date: 05/2010

Approved by: Ulf Stoeckelmann

Revision Nr. 01