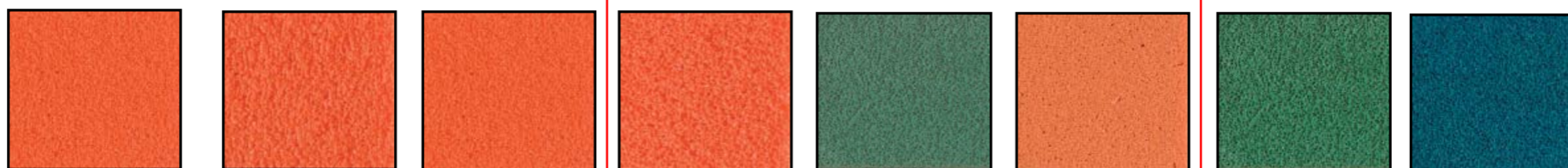


## DATA SHEET: SPONGE RUBBER MATERIAL



QUALITY	D160 F	D160 M/G	D200	D250 M	D270 F	D350 F	BICAR GREEN	BICAR BLU
<b>Elastomer basis:</b>	NR (natural rubber)	NR (natural rubber)	NR (natural rubber)	NR (natural rubber)	NR (natural rubber)	NR (natural rubber)	NR (natural rubber)	NR (natural rubber)
<b>Density</b>	0,14 - 0,18 g/cm <sup>3</sup>	0,14 - 0,18 g/cm <sup>3</sup>	0,18 - 0,22 g/cm <sup>3</sup>	0,23 - 0,27 g/cm <sup>3</sup>	0,25 - 0,29 g/cm <sup>3</sup>	0,32 - 0,38 g/cm <sup>3</sup>	0,24- 0,26 g/cm <sup>3</sup>	0,30 - 0,32 g/cm <sup>3</sup>
<b>Compression force</b>	3.5-10 kN/ m <sup>2</sup>	3.5-10 kN/ m <sup>2</sup>	10-14 kN/ m <sup>2</sup>	14-35 kN/ m <sup>3</sup>	14-35 kN/ m <sup>4</sup>	35-63 kN/ m <sup>5</sup>	3.5-10 kN/ m <sup>5</sup>	3.5-10 kN/ m <sup>5</sup>
<b>Colour:</b>	orange	orange	orange	orange	green	orange	green	blu
<b>Cellular structure:</b>	fine porosity	medium-rough porosity	medium-fine porosity	medium porosity	fine porosity	Medium-fine porosity	medium porosity	medium-fine porosity
<b>Breaking elongation:</b>	420%	420%	460%	440%	440%	400%	260%	260%
<b>Ultimate tensile strength:</b>	26 N/cm <sup>2</sup>	26 N/cm <sup>2</sup>	32 N/cm <sup>2</sup>	45 N/cm <sup>2</sup>	45 N/cm <sup>2</sup>	30 N/cm <sup>2</sup>	24 N/cm <sup>2</sup>	24 N/cm <sup>2</sup>
<b>Abrasion resistance:</b>	good	good	good	good	good	good	very good	very good
<b>Heat resistance:</b>	up to + 80°C in water	up to + 80°C in water	up to + 80°C in water	up to + 80°C in water	up to + 80°C in water	up to + 80°C in water	up to + 80°C in water	up to + 80°C in water
<b>Low temperature stability:</b>	elastic up to - 40°C	elastic up to - 40°C	elastic up to - 40°C	elastic up to - 40°C	elastic up to - 40°C	elastic up to - 40°C	elastic up to - 40°C	elastic up to - 40°C
<b>Ozone resistance:</b>	unfulfilled	unfulfilled	unfulfilled	unfulfilled	unfulfilled	unfulfilled	unfulfilled	unfulfilled
<b>Flammability:</b>	easily flammable, sooty burning	easily flammable, sooty burning	easily flammable, sooty burning	easily flammable, sooty burning	easily flammable, sooty burning	easily flammable, sooty burning	easily flammable, sooty burning	easily flammable, sooty burning
<b>Resistances:</b>	No resistance against acids, alkaline solutions, oil, lipid and dissolver.	No resistance against acids, alkaline solutions, oil, lipid and dissolver.	No resistance against acids, alkaline solutions, oil, lipid and dissolver.	No resistance against acids, alkaline solutions, oil, lipid and dissolver.	No resistance against acids, alkaline solutions, oil, lipid and dissolver.	No resistance against acids, alkaline solutions, oil, lipid and dissolver.	No resistance against acids, alkaline solutions, oil, lipid and dissolver.	No resistance against acids, alkaline solutions, oil, lipid and dissolver.

### INFORMATION:

We reserve the right to certain variations in respect of pore size and type, colour and plasticity as well as to changes which arise on the basis of new chemical and technical knowledge. All information is based upon tests carried out with considerable care. However, no guarantee can be accepted for agreement with results arising from use since from experience the effect of factors unknown to us which can affect the properties and life-time of the material must be taken into account during different conditions of use.

Due to the multitude of application possibilities for our products, we recommend a thorough suitability test on original materials before every use, before release for processing.

### ENVIRONMENTAL INFORMATION:

Our sponge rubber products do not contain ASBESTOS, FCH, FORMALDEHYDE, or heavy metals, or other toxic or environmentally hazardous materials. Only raw materials common in the rubber industry are used in the production of the mixtures.