

GROUP

**INSULATING REFRACTORY PRODUCTS**
*Validity : since 28.1.2015*

Quality

**TRIZOL HB 11**

CLASS	BASIC RAW MATERIAL
<b>Insulating Refractory Bricks</b>	<b>Lightweight chamotte</b>

APPLICATION TEMPERATURE (°C)	<b>1 400</b>
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CHEMICAL ANALYSIS (%)	Al <sub>2</sub> O <sub>3</sub>	Fe <sub>2</sub> O <sub>3</sub>	CaO	SiO <sub>2</sub>
	<b>38,2</b>	<b>1,7</b>	<b>0,40</b>	<b>57,0</b>

PHYSICAL PROPERTIES		
Temperature (°C)		Thermal conductivity (W/m.K)
400		<b>0,49</b>
800		<b>0,57</b>
1000		<b>0,62</b>
1200		<b>0,65</b>

Cold crushing strenght (MPa) (min.) / T. A.	Bulk density (kg x m <sup>-3</sup> ) (max.) / T. A.	Refractorines (ISO) (min.) / T. A.	Permanent linear changes acc. to ČSN EN 1094-6 (%) (max.) / T. A.
<b>5,0 / 6,1</b>	<b>1 100 / 1 100</b>	<b>171/ 172</b>	<b>- 0,3 / -0,2</b>

\* T. A. – Typical Average

Packing : according to customers wish

Dimension tolerances : dimension < 150 mm -----> +/- 2,0 mm

dimension &gt; 150 mm -----&gt; +/- 2,0 %