



## Ceramic Celenox LPD Saddle

The Ceramic Celenox LPD Saddle is an evolution of the conventional Celenox Saddle, presenting wavy edges and transverse holes in its central part. Its shape guarantees a lower pressure drop and high mass transfer efficiency, higher load capacity and higher separation efficiency. In many cases, it is possible to increase the capacity and efficiency of a tower by using this type of saddle. It presents an even greater useful contact area if compared to the conventional Celenox Saddle, and minimum resistance to the passage of liquid and gas flows through the column or tower. This saddle is particularly suitable for applications involving thermal shock conditions or operations at high temperatures. Offering high mechanical, chemical and thermal resistance, the LPD Saddle is widely used for gas washing, drying towers, among other applications.

<b>Physical characteristics:</b>	< 1.0%
water absorption:	
Resistance to acid attack:	< 2.0%
Hardness:	7.0 (on the Mohs scale)
Maximum temperature:	1000 ° C

### Average Chemical Composition:

SiO <sub>2</sub>	69.5
Al <sub>2</sub> O <sub>3</sub>	23.0
Fe <sub>2</sub> O <sub>3</sub>	0.5
Na <sub>2</sub> O + K <sub>2</sub> O	6.0
MgO + CaO	0.15

### Properties table Static - Saddles

MODEL	SIZE (Inches)	NUMBER (parts / m <sup>2</sup> )	WEIGHT (kg / m <sup>2</sup> )
Saddles Ceramics Celenox LPD	3 "	1300	600