

Technisches Datenblatt / Technical Data Sheet

4.8(OX)-48-NXI Nomex Honey Comb industrial grade

Information

Nomex honeycombs are manufactured from high temperature resistant aramid paper formed into a honeycomb structure, and coated with a phenolic resin.

The combination of aramid paper and phenolic resin gives their superior strength, toughness and chemical resistance.

Typical mechanical properties

Cell Size	mm	4,8 – 5,0
Density	kg/m ³	48 +/- 16%
<i>Stabilised Compression</i>		
Strength	MPa	2,60
<i>Plate Shear</i>		
Strength – L Direction	MPa	0,98 - 0,70
Strength – W Direction	MPa	0,56 - 0,40
Dimensions L	mm	1220 +/- 50
W	mm	2440 +/- 75

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