



Specifications 90 CPSI

Material Code	F220
Material	100% Re-SiC
CPSI coding	90
CPSI - calculated cells per square inch	82,2
CPScm - calculated cells per square centimeter	12,75
Cell size, wall width - mm	2,0 x 2,0
Wall thickness - mm / 1000/inch	0,8 / 31
Pitch = wall width + wall thickness - mm	2,8
Pore size - μm / 1000/mm	20-30
Porosity - % - liquid absorption	-45
Permeability ($10 \times 10^{-12}/\text{m}^2$ Darcy) at 20°C	0,70
Delta P, kPa, wall face velocity 2 cm/s at 20°C	0,42
Filtration efficiency - % - clean filter - PM10	>98
Filtration efficiency - % - 10% loaded filter	>99
Specific SiC weight - massive material density - kilo/dm ³	3,2
Specific DPF weight - porous wall density - kilo/dm ³	1,8
Monolith weight - bulk density - kilo/dm ³	1,0