

180 CPSI SPECIFICATION



Specifications 180 CPSI

Material Code	F240
Material	100% Re-SiC
CPSI coding	180
CPSI - calculated cells per square inch	
CPScm - calculated cells per square centimeter	
Cell size, wall width - mm	
Wall thickness - mm / 1000/inch	0,45 / 17
Pitch = wall width + wall thickness - mm	
Pore size - μm / 1000/mm	6-10
Porosity - % - liquid absorption	-42
Permeability ($10 \times 10^{-12}/\text{m}^2$ Darcy) at 20°C	0,30
Delta P, kPa, wall face velocity 2 cm/s at 20°C	1,0
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