

Self-Venting Gas Permeable Mold Steel

What is Porcerax II?

Porcerax II is a sintered, porous metal that is heat treated to 35-38 HRC with porosity in the range of 20 to 30% by volume. A system of interconnected pores with an average diameter of either 7 or 20 microns is dispersed throughout the Porcerax material.



Benefits of Porcerax II

- Simplifies Tool Design and Reduces Cost
- Eliminates Trapped Gas Problems
- Reduces Cycle Times
- Enhances Part Appearance
- Eliminates Short Shots
- Reduces Gloss Levels
- Prevents Burning
- Prevents Knit Lines
- Eliminates Shrink



PCS Porcerax II Products

PCS Part #	Description	Size	Microns
Plugs			
V250X500-20	Solid Porcerax Plug	1/4" x 1/2"	20 micron
V250X500-7	Solid Porcerax Plug	1/4" x 1/2"	7 micron
V375X500-20	Solid Porcerax Plug	3/8" x 1/2"	20 micron
V375X500-7	Solid Porcerax Plug	3/8" x 1/2"	7 micron
V375X1-20	Solid Porcerax Plug	3/8" x 1"	20 micron
V375X1-7	Solid Porcerax Plug	3/8" x 1"	7 micron
Core Pins			
VCP250X2.250-20	Solid Porcerax Core Pin	1/4" x 2 1/4"	20 micron
VCP250X2.250-7	Solid Porcerax Core Pin	1/4" x 2 1/4"	7 micron
VCP375X3.5-20	Solid Porcerax Core Pin	3/8" x 3 1/2"	20 micron
VCP375X3.5-7	Solid Porcerax Core Pin	3/8" x 3 1/2"	7 micron
VCP500X3.5-20	Solid Porcerax Core Pin	1/2" x 3 1/2"	20 micron
VCP500x3.5-7	Solid Porcerax Core Pin	1/2" x 3 1/2"	7 micron
Headless Ejector Pins			
VHLEP8MX9-20	Solid Porcerax Headless Ejector Pin	8mm x 9"	20 micron
VHLEP8MX9-7	Solid Porcerax Headless Ejector Pin	8mm x 9"	7 micron
VHLEP10MX9-20	Solid Porcerax Headless Ejector Pin	10mm x 9"	20 micron
VHLEP10MX9-7	Solid Porcerax Headless Ejector Pin	10mm x 9"	7 micron
VHLEP12MX9-20	Solid Porcerax Headless Ejector Pin	12mm x 9"	20 micron
VHLEP12MX9-7	Solid Porcerax Headless Ejector Pin	12mm x 9"	7 micron

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