



CULNICO®

Pre-alloyed bond powders

Description: Pre-alloyed Iron Copper based powder particular chemical composition which provide a wide performance

APPLICATIONS SEGMENT:

diamond tools, cutting segments, gang saw, rollers, fickerts

Grade item:

EXP31

CHEMICAL COMPOSITION:

Denomination:	Chemical composition:				
	Fe	Cu	Sn	Mn	Cr
CULNICO EXP31	reminder	10 - 20 %	4 - 10 %	1 - 5 %	10 - 20 %

SINTERING DATA:

Main applications:	Operational Parameters:				
	HIP Temp. (°C)	Density (g/cm³)	Hardness	Sintering cycle	Pressure Kg/mm²
granite, hard stone, concrete, asphalt, concrete, abrasive natural stone, basalt and limestone	760	8,5	110 HRB	210 sec.	350



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