



PRODUCT DATA SHEET

Product Brand:	iCARB-AM3-M20-C07-AS4
Product Type:	Alumina Magnesia Carbon Brick
Product Description:	Carbon bonded brick based on a blend of Fused Alumina, Fused Magnesia and natural Flake Graphite , with anti-oxidant additions.

Control Properties:

As Received:					
Test Property	Test Method	Units	Typical		
Bulk Density:	DIN EN 993-1	g/cm ³	3.00	Industrial Technologies & Energy	
Apparent Porosity:	DIN EN 993-1	%	5.1		
Cold Crushing Strength:	DIN EN993-5	N/mm ²	65		
Coked: (2hrs at 1000 °C)					
Bulk Density:	DIN EN 993-1	g/cm ³	2.95		
Apparent Porosity:	DIN EN 993-1	%	12.1		
Cold Crushing Strength:	DIN EN993-5	N/mm ²	38		
P.L.C	PRE/R 19	%	-0.1		
Chemical Analysis: The presence of anti-oxidants can affect any analysis on an ignited basis *					
Residual Carbon	ASTM C831-98	%	7.00*		
Al ₂ O ₃	DIN EN 955-5	%	68.53		
Fe ₂ O ₃	DIN EN 955-5	%	0.38		
SiO ₂	DIN EN 955-5	%	2.29		
TiO ₂	DIN EN 955-5	%	1.67		
MgO	DIN EN 955-5	%	19.74		
CaO	DIN EN 955-5	%	0.39		