



PRODUCT DATA SHEET

Product Brand:	iCARB-MF6-C14-A3
Product Type:	Magnesia Carbon Brick
Product Description:	Carbon bonded brick based on a blend of large crystal fused magnesia, high purity large crystal fused magnesia and high purity natural flake graphite with anti-oxidant additions

Control Properties:

<u>As Received:</u>				
Test Property	Test Method	Units	Typical	
Bulk Density:	DIN EN 993-1	g/cm ³	2.95	
Apparent Porosity:	DIN EN 993-1	%	2.9	
Cold Crushing Strength:	DIN EN993-5	N/mm ²	45	
<u>Coked:</u> (2hrs at 1000 °C)				
Bulk Density:	DIN EN 993-1	g/cm ³	2.90	
Apparent Porosity:	DIN EN 993-1	%	9.0	
Cold Crushing Strength:	DIN EN993-5	N/mm ²	25	
P.L.C	PRE/R 19	%	0.0	
<u>Chemical Analysis:</u> (The presence of antioxidants will affect any analysis on an ignited basis)*				
Residual Carbon	ASTM C831-98	%	14.00*	
MgO	DIN EN 955-5	%	78.71	
SiO ₂	DIN EN 955-5	%	0.70	
CaO	DIN EN 955-5	%	1.16	
Fe ₂ O ₃	DIN EN 955-5	%	0.57	
Al ₂ O ₃	DIN EN 955-5	%	4.86	

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Version: 01	The values given are indicative of expected property values for product tested. Please note this data is supplied for information only and as such does not constitute a product specification	Print Date : 2021-09-26
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