



PRODUCT DATA SHEET

Product Brand:	iCARB-A5-C12-AS3-SIC-D
Product Type:	Alumina Silicon Carbide Carbon Bonded
Product Description:	Carbon bonded brick based on a blend of Ultra High Purity Fused Alumina, Silicon Carbide and natural Flake Graphite, with anti-oxidant additions.
Product PRP Code:	PRP-554

Control Properties:

<u>As Received:</u>					
Test Property	Test Method	Units	Typical		
Bulk Density:	DIN EN 993-1	g/cm ³	3.02	Industrial Technologies & Energy	
Apparent Porosity:	DIN EN 993-1	%	5.4		
Cold Crushing Strength:	DIN EN993-5	N/mm ²	35		
<u>Chemical Analysis:</u> The presence of anti-oxidants can affect any analysis on an ignited basis *					
Residual Carbon	ASTM C831-98	%	12*		
Al ₂ O ₃	DIN EN 955-5	%	95.1		
Fe ₂ O ₃	DIN EN 955-5	%	0.42		
SiO ₂	DIN EN 955-5	%	1.05		
SiC	DIN EN 955-5	%	6.8		

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 : 2021-09-28
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