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**Carbonaceous materials for the  
production of aluminium — Cathode  
block materials —**

**Part 1:  
Determination of the expansion due to  
sodium penetration with application  
of pressure**

*Produits carbonés utilisés pour la production de l'aluminium — Blocs  
cathodiques —*

*Partie 1: Détermination de l'expansion due à la pénétration du  
sodium avec application de pression*





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Published in Switzerland