**Xi măng: loại vật liệu phổ biến trong xây dựng**

Xi măng là một loại chất kết dính thủy lực, được dùng làm vật liệu xây dựng. Xi măng được tạo thành bằng cách nghiền mịn clinker, thạch cao thiên nhiên và phụ gia (vỏ sò, đất sét). Khi tiếp xúc với nước thì xảy ra các phản ứng thủy hóa và tạo thành một dạng hồ gọi là hồ xi măng. Tiếp đó, do sự hình thành của các sản phẩm thủy hóa, hồ xi măng bắt đầu quá trình ninh kết sau đó là quá trình hóa cứng để cuối cùng nhận được một dạng vật liệu có cường độ và độ ổn định nhất định.

Để hiểu rõ hơn Cục Thông tin KH&CN quốc gia xin giới thiệu một số bài nghiên cứu đã được xuất bản chính thức và các bài viết được chấp nhận đăng trên những cơ sở dữ liệu học thuật chính thống.



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