

Syngas Refractories

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Refractories in syngas reactors enable high temperature operation under demanding thermochemical and thermomechanical process conditions. High purity materials are typically used to avoid hydrogen reduction reactions. Refractory materials must also withstand hot gaseous erosion and combat chemical erosion. Saint-Gobain will review the general types of materials used in the various syngas processes and denote best practices to promote long lining lifespans.