

Meehanite CR Corrosion Resisting Cast Iron

Category : Metal , Ferrous Metal , Austenitic , Cast Iron

Material Notes:

Type CR is an austenitic material especially designed to meet a wide variety of corrosion, wear and heat applications. It has flake graphite and chemical analysis conforming to ASTM Specification A-436-61T. Type CR is recommended for components which involve handling acid and alkali solution at temperatures up to 1300 °F; for abrasive slurries, salt water and other heat and wear applications with or without corrosive media. General Meehanite information - Meehanite metal is first melted to a definite degree of undercooling or constitution which is related to the section of the casting to be poured and the range of physical properties such as tensile strength and hardness required. Nucleation with patented mixtures of graphitizing agents results in the removal of undercooling, in the controlled precipitation of graphite and in a fine grained eutectic cell structure which determines the density and physical integrity of the casting. Ordinary cast irons made to chemical specifications which do not include the benefit of controlled undercooling are influenced by mass effect to a maximum degree and for this and other reasons cannot be considered an equivalent to Meehanite metal. Information provided by Meehanite Marketing Association.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Meehanite-CR-Corrosion-Resisting-Cast-Iron.php

Mechanical Properties	Metric	English	Comments
Hardness, Brinell	131 - 183	131 - 183	
Tensile Strength, Ultimate	172 MPa	25000 psi	

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