

Meehanite CHS Corrosion Resisting Cast Iron

Category : Metal , Ferrous Metal , Cast Iron

Material Notes:

Type CHS is a higher strength material with good shock resistance. Compositional adjustments are made to suit exact service requirements. Recommended for use for components subjected to concentrated sulfuric acid or oleum. 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-CHS-Corrosion-Resisting-Cast-Iron.php

| Mechanical Properties | Metric | English | Comments |
|----------------------------|---------------|--------------------|----------|
| Hardness, Brinell | 200 | 200 | |
| Tensile Strength, Ultimate | 414 - 689 MPa | 60000 - 100000 psi | |
| Elongation at Break | 2.0 - 10 % | 2.0 - 10 % | |

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