

## Meehanite CRS Corrosion Resisting Cast Iron

Category : Metal , Ferrous Metal , Austenitic , Cast Iron

### Material Notes:

Type CRS is an austenitic material with graphite in the nodular form. It conforms to ASTM designation A439-60T and provides much higher strength than type CR with excellent resistance to corrosion, wear and heat. Type CRS 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-CRS-Corrosion-Resisting-Cast-Iron.php](http://www.lookpolymers.com/polymer_Meehanite-CRS-Corrosion-Resisting-Cast-Iron.php)

Mechanical Properties	Metric	English	Comments
Hardness, Brinell	139 - 202	139 - 202	
Tensile Strength, Ultimate	400 MPa	58000 psi	
Elongation at Break	6.0 - 20 %	6.0 - 20 %	

## Contact Songhan Plastic Technology Co.,Ltd.

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