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Wear Parts for the World

WS-306

WS-306 is commonly supplied as a normalized and tempered martensitic white iron, with a minimum surface hardness of 601 HB. This material is referred to as "15 - 3" white iron and is traditionally used in very high "sliding abrasion" and light to medium impact applications. Successful applications for this alloy have resulted from ME Elecmetal design philosophy, which precludes spalling and breakage previously, associated with white irons. This material meets or exceeds the requirements of ASTM A532 Class II B.

NOMINAL ANALYSIS, %

Carbon	2.55
Manganese	0.65
Silicon	0.55
Chromium	15.5
Molybdenum	2.6
Copper	0.50 Max.
Phosphorus	0.10 Max.
Sulfur	0.06 Max.

Typical Applications:

Selective locations for primary and secondary gyratory crusher concaves; fully autogenous end and shell liners, lift bars, dischargers and ported grates; semi-autogenous dischargers, chute liners; rod mill liners; overflow ball mill end and shell liners and slurry pump parts.

Successful liner design begins before grinding mills are manufactured. Contact ME Elecmetal for recommended specifications OR complete liner system design.

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