

## High wear resistant Cylinder “N-ALLOY 70H” Debut!

In recent years, increasingly high wear and corrosive resistance has been required for the cylinders of plastics processing extruders along with the development of high-performance plastics filled with glass fiber, ceramics, or ferrite.

JSW has developed “N-alloy70H” which combines the wear resistance superior to conventional N2000 and the corrosion resistance exceeding N61H in order to meet such request of users.

We would like to introduce some advantages of the new material called “N-alloy70H” as follows.

### Comparison of wear-resistant and corrosive-resistant ability

Fig. 1 shows a comparison of Suga-Type abrasive wear-resistance among the new developed “N-alloy70H” and existing materials of JSW and other companies.

Fig. 2 shows a comparison of corrosion-resistance between “N-alloy70H” and existing materials.

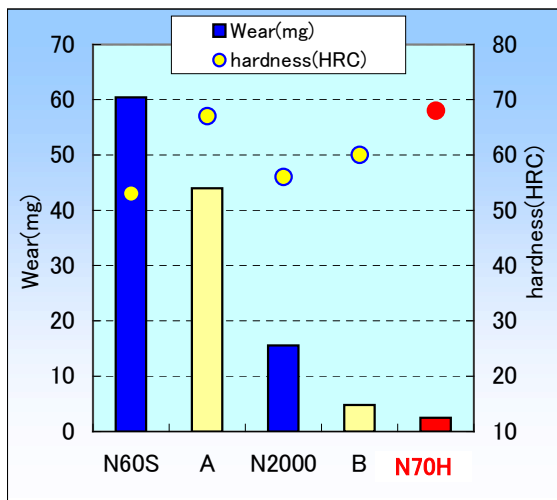


Fig.1 Result of Suga-Type Abrasive Resistance Test

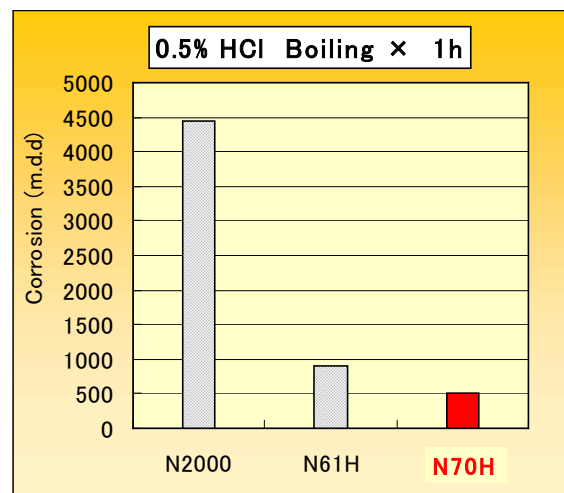
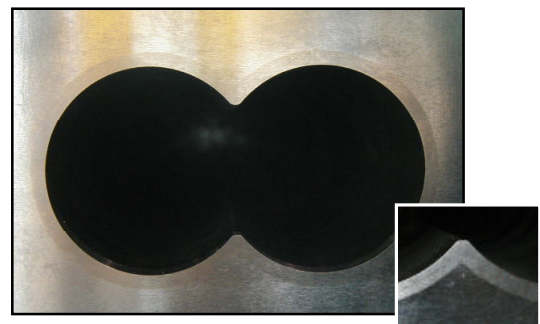


Fig.2 Result of Corrosion Resistance Test

“N-alloy70H” is the composite alloy which consists of nickel-base with excellent corrosion resistance and high volume of super hard particles uniformly contained to increase wear-resistance so much.

Now, we can manufacture the cylinders up to TEX105 size and meet customers’ request.



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