

# H-ALLOYneo cylinder

## For the molding of engineering plastics with glass fibers

● "H-ALLOY" cylinder, whose name had been familiar to many users since its startup in 1971, has fully refurbished with the name of "H-ALLOYneo".

● "H-ALLOYneo" cylinder has several kind of materials for each purpose.

Wear and corrosion resistance type : *H503neo*

Long-seller item and stable, established high reputation for sensitive molding such as optical components

High cost performance type : *PALneo*

Featuring both high wear resistance performance and high cost performance

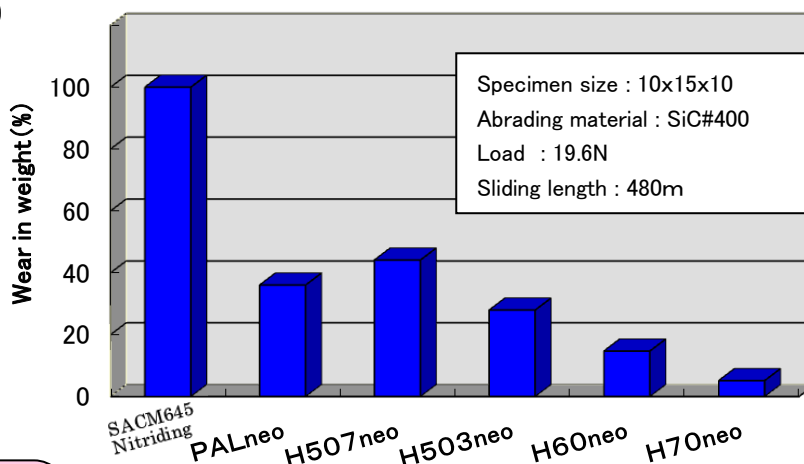
High wear and corrosion resistance type : *H60neo* & *H70neo*

High wear resistance by content of proprietary carbide in alloy layer

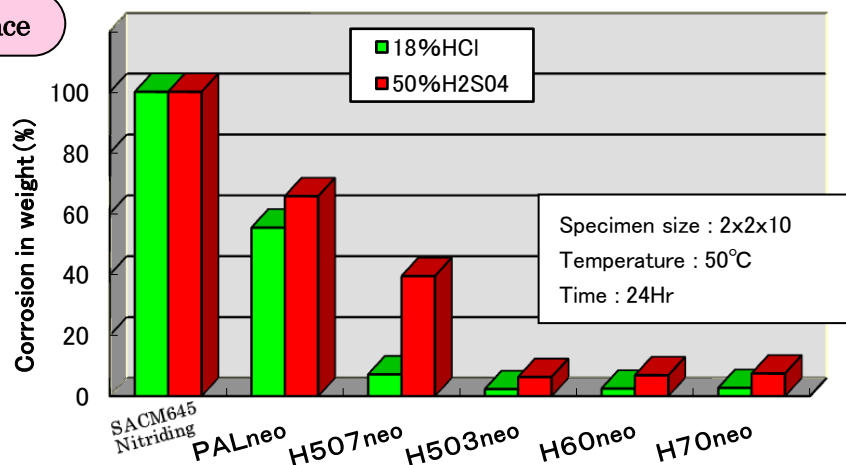
		<i>PALneo</i>	<i>H507neo</i>	<i>H503neo</i>	<i>H60neo</i>	<i>H70neo</i>
Alloy layer type		Fe base	Co base	Ni base	Ni base+ Proprietary carbide	Ni base+ Proprietary carbide
Backing metal		46MnVS6 Equivalent				
Hardness	Alloy layer(HRC)	55-65	45-55	50-60	53-62	55-64
	Backing metal(HS)	36-48				
Bending Strength of alloy layer(MPa)		580-680	880-1080	490-590	490-590	490-590
Yield point of backing metal(MPa)		490-630				

\*H70 available manufacturing inside dia is less than 100mm.

### Wear resistance



### Corrosion resistance



Note: The data in our report do not constitute any kind of warranty or guarantee.