



## For the molding of engineering plastics with glass fibers

- "H-ALOY" cylinder, whose name had been familiar to many users since its startup in 1971, has fully refurbished with the name of "H-ALOYneo".
- "H-ALOYneo" cylinder has several kind of materials for each purpose.
  - Wear and corrosion resistance type : H503neo

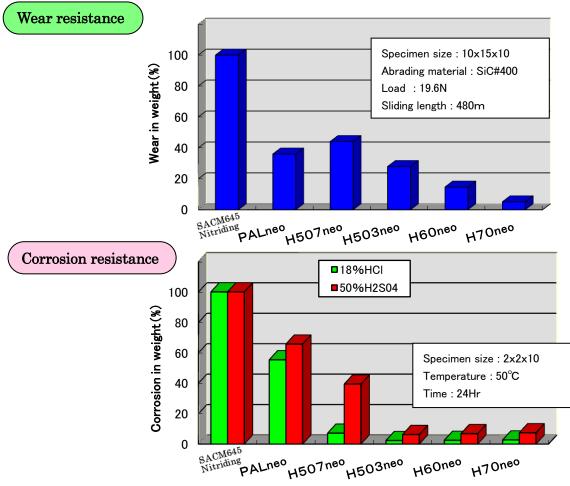
Long-seller item and stable, established high reputation for sensitive molding such as optical components High cost performance type : *PALneo* 

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

		PALneo	H507 <mark>neo</mark>	H503 <mark>neo</mark>	H60 <mark>neo</mark>	H70 <mark>neo</mark>
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				



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

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