

For the molding of engineering plastics with glass fibers

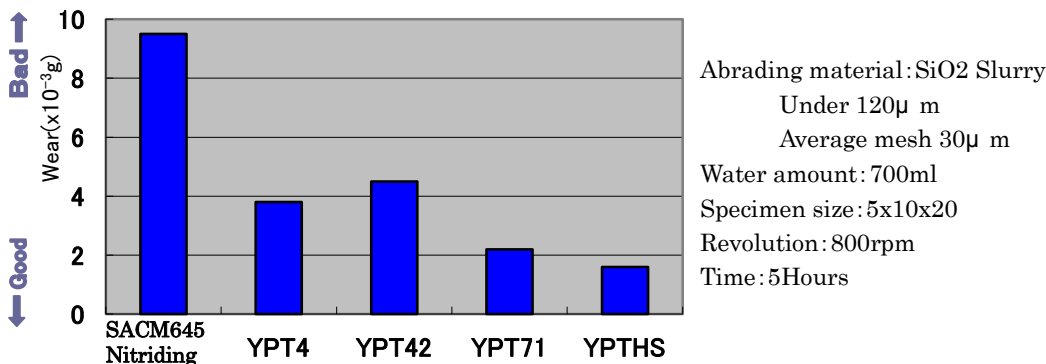
- "YPT" screw has been consistently trusted by its good actual results for many records since '1969.
- "YPT" screw is a solid type screw made of special steel to provide the uniformly good performance of wear and corrosion resistance from the outer surface to the inside of screw.
- "YPT42" and "YPT71" are improved materials from "YPT4" and abolished "YPT7", which feature as follows.

YPT42 : High toughness and high corrosion resistance type. We recommend this material for such severe conditions as in high speed of an electric injection molding machine.

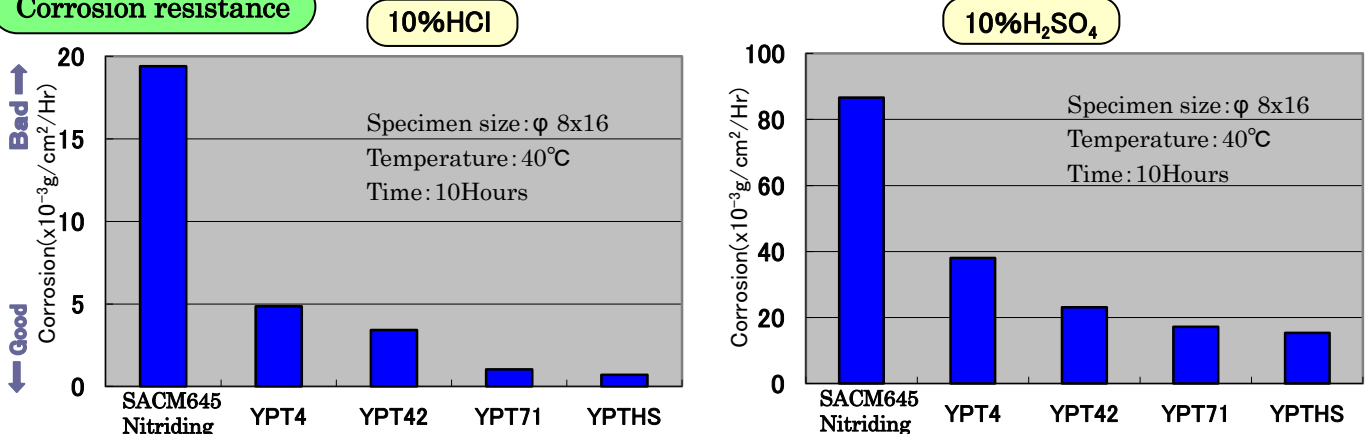
YPT71 : High wear resistance and high corrosion resistance type according to the fine microstructure by the powder metallurgy technology.

	YPT4	YPT42	YPT71	YPTHS
Hardness (HRC)	58±2	58±2	60±2	62±2
Tensile strength (MPa)	1716	2403	1765	2833
Yield point (MPa)	1520	2157	1569	2543
Elongation (%)	1.1	3.6	0.8	
Reduction of area (%)	1.2	5.8	1.0	
Bending strength (MPa)	2942	4903	3727	4728
Impact test [10R-Notch] (x10 ⁴ J/m ²)	21.6	43.1	21.6	18.7

Wear resistance



Corrosion resistance



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