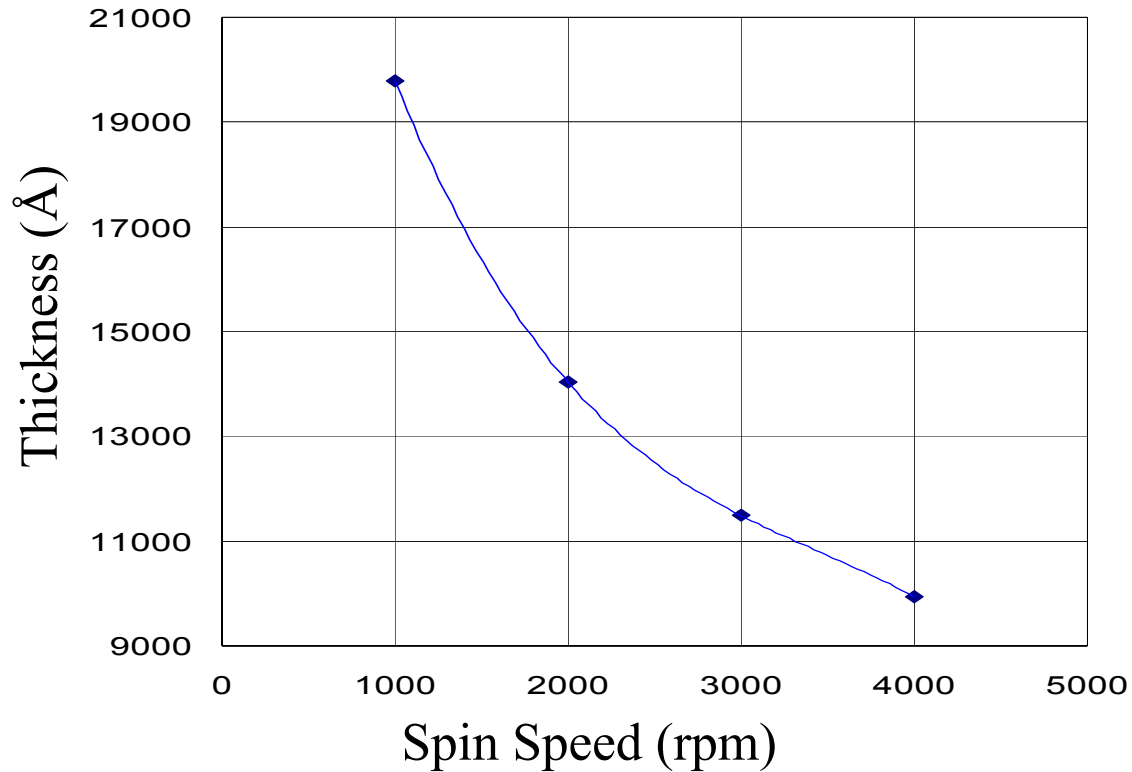


# **THMR-iP5680 HP I-line Photoresist**

## THMR-iP5680 HP

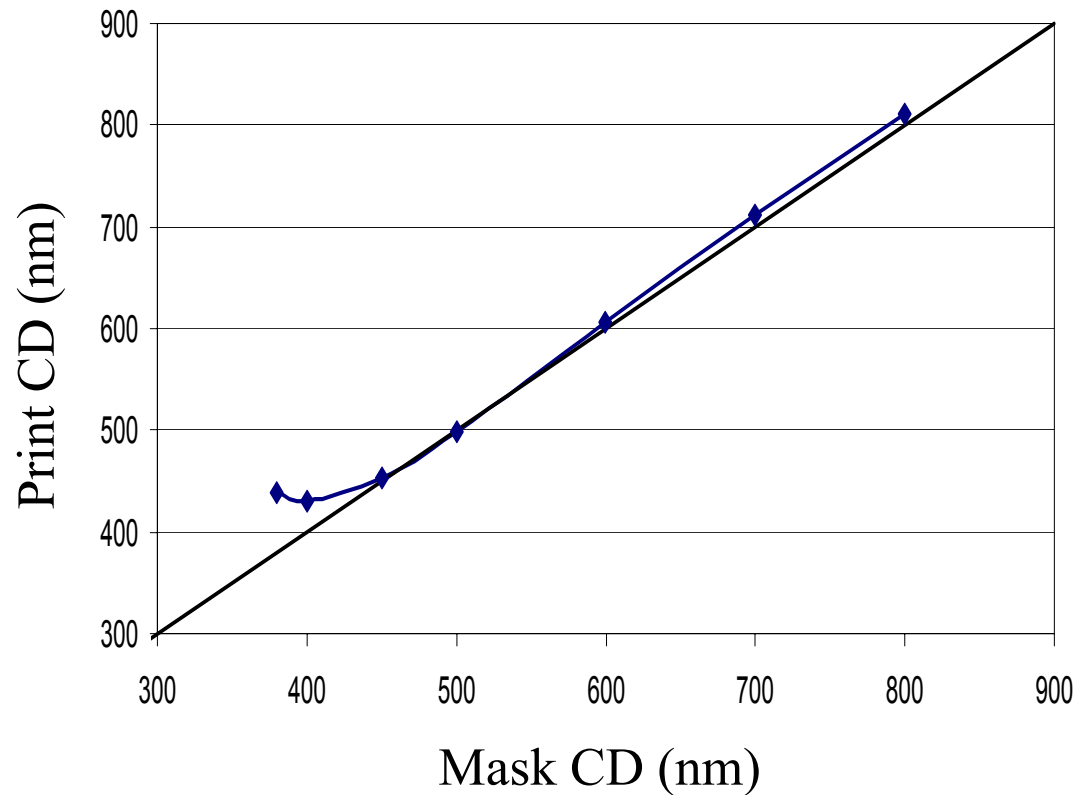
Substrate	Si (HMDS treatment)
Thickness	1.05 $\mu\text{m}$ ( $E_{\text{max}}$ )
Prebake	90°C-90s
Exposure tool	Nikon NSR-2205i10D (NA=0.57 $\sigma$ =0.6)
Reticle	Binary
PEB	110°C-90s
Target CD	0.6 $\mu\text{m}$ 1:1 L/S
Developer	NMD-W 2.38% 60s puddle

THMR-iP5680 HP  
Viscosity = 8 cP

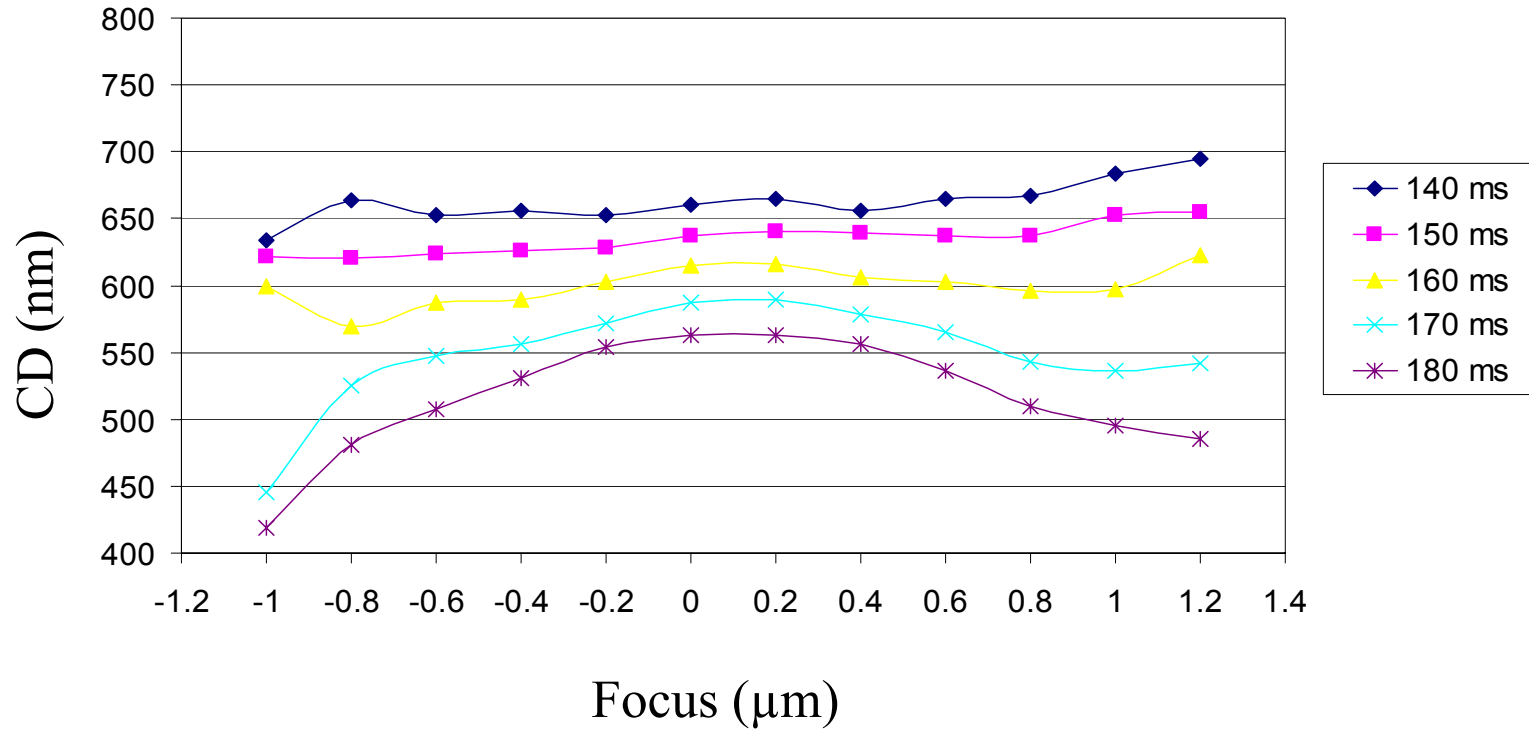


THMR-iP5680 HP

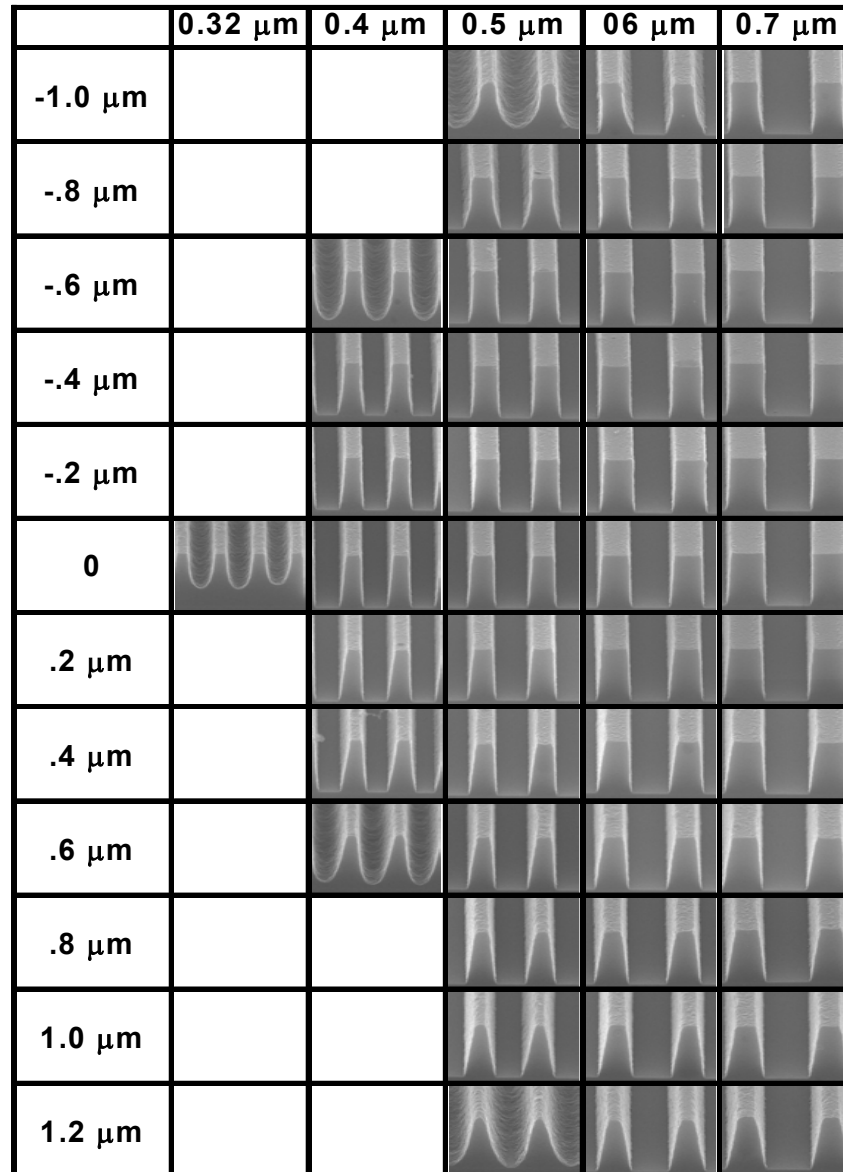
Target CD = 0.6  $\mu\text{m}$ , exposure dose = 160 ms



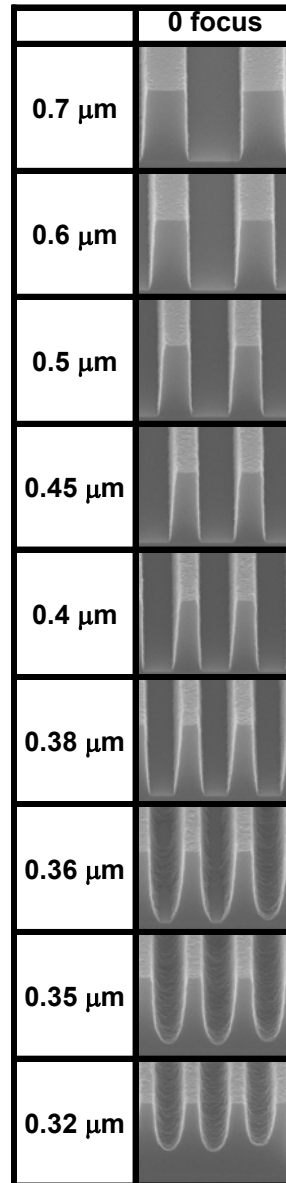
THMR-iP5680 HP  
Target CD = 0.6  $\mu\text{m}$



THMR-iP5680 HP  
Target CD = 0.6  $\mu\text{m}$   
Exposure dose = 160 ms



THMR-iP5680 HP  
Target CD = 0.6  $\mu\text{m}$   
Exposure dose = 160 ms



THMR-iP5680 HP

Target CD = 0.6  $\mu\text{m}$ , exposure latitude margin = 36%

