



**Commodity: Nylon Plug Mushroom Head**  
**Material: Nylon 6**

### DIMENSION DATA

Specification Unit: Inch	Actual Dimension (Unit: mm)				
	A	B	C	D	E
1/4x1 - M625	5.99	14.52	6.30	25.36	6.25
1/4x1 1/2 - M637	5.99	14.53	3.25	38.60	6.36
1/4x2 - M650	5.99	14.54	3.30	51.62	6.35
1/4x3 - M675	5.99	14.55	3.35	77.43	6.35

### Material Specification

Mar. 27, 2015

Raw Material for	Nylon Anchor Body		
Material Name	Nylon 6		
Color	White		
Viscosity	3.3 ~ 3.4		
Moisture Content	below 0.1%		
Test Temperature (Celsius)	-40°C	23°C	77°C
Breaking Strength (kg/cm <sup>2</sup> )	1,100	700	334 up
Breaking Elongation (%)	26	270	170 up
Yield Strength (kg/cm <sup>2</sup> )	-	740	-
Modulus of Elasticity (kg/cm <sup>2</sup> )	29,100	27,800	4,300
Impact Strength (kg/cm <sup>2</sup> )	2.9	5.44	11.42
Modulus of Expansion (mm/°Cmm) (30 ~ 50 °C)	5 x 10 <sup>-4</sup>		
Modulus of Expansion (mm/°C mm) (60 ~ 150 °C)	1.86 x 10 <sup>-4</sup>		
Foulness Temperature (Celsius)	65°C : 18.8 kg/cm <sup>2</sup> ; 150°C : 4.64 kg/cm <sup>2</sup>		
Ignition Temperature (Melting Point) (Celsius)	215°C		
Convection (Kcal/mH °C)	0.18		