



TECHNICAL DATA SHEET

OF Polyformaldehyde

PRODUCT NAME	Polyformaldehyde (POM)	
CHEMICAL FORMULAR	-[CH2O]n[CH2OCH2CH2]m-	
H.S. CODE	3907. 10. 10. 10	
SPECIFICATION		
	VALUE	UNIT
DENSITY	1.41	g/cm ³
MELT FLOW RATE	27	g/10min
WATER ABSORPTION(23℃ , 24H)	0.3	%
TENSILE STRESS AT YIELD	62	%
TENSILE MODULUS	2700	MPa
STRAIN AT BREAK	25	%
FLEXURAL STRENGTH	88	MPa
FLEXURAL MODULUS	2550	MPa
CHARPY NOTCHED IMPACT STRENGTH	5	kJ/m ²
DEFLECTION TEMPERATURE	100	℃



UNDER LOAD(1.86MPa)		
FLAMMABILITY	HB	
Values shown are based on testing of laboratory test specimens, which cannot be regarded as the guaranteed value if they are not the guaranteed value of materials of this specification. Some performance values may change due to improved quality. Colorants or other additives may cause significant variations in data valuse.		