



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	9	g/10min
WATER ABSORPTION(23℃ , 24H)	0.3	%
TENSILE STRESS AT YIELD	62	%
TENSILE MODULUS	2600	MPa
STRAIN AT BREAK	35	%
FLEXURAL STRENGTH	87	MPa
FLEXURAL MODULUS	2500	MPa
CHARPY NOTCHED IMPACT STRENGTH	6	kJ/m ²
DEFLECTION TEMPERATURE	95	℃



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.		