

Acetal Copolymer

DURACON®

M90-88

CF2001

(Standard grade)

Polyplastics

General Properties of M90-88

table1-1 General Properties (ISO)

Item	Unit	Test Method	Standard
			M90-88
			Anti discoloration fluorescent light
Color			CF2001
ISO(JIS)quality-of-the-material display:		ISO11469 (JIS K6999)	>POM<
Density	g/cm ³	ISO 1183	-
Tensile strength	MPa	ISO 527-1,2	64
Strain at break	%	ISO 527-1,2	30
Flexural strength	MPa	ISO 178	84
Flexural modulus	MPa	ISO 178	2300
Charpy impact strength (notched)	kJ/m ²	ISO 179/1eA	7
Temperature of deflection under load (1.8MPa)	°C	ISO 75-1,2	-
Coefficient of linear thermal expansion (23~55°C、Flow direction)	x10 ⁻⁵ /°C	ISO 11359-2	-
Coefficient of linear thermal expansion (23~55°C、Transverse direction)	x10 ⁻⁵ /°C	ISO 11359-2	-
Dielectric breakdown strength (3mmt)	kV/mm	IEC 60243-1	-
Volume resistivity	Ω·cm	IEC 60093	-
Surface resistivity	Ω	IEC 60093	-
Flammability		UL94	HB
The yellow card File No.			E45034
Appropriate List number of Ministerial Ordinance for Export Trade Control			Item 16 of Appendix -1

※1) Nominal strain at break

All figures in the table are the typical values of the material and not the minimum values of the material specifications.

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POLYPLASTICS CO., LTD.

JR Shinagawa East Building
18-1, Konan 2-chome, Minato-ku, Tokyo 108-8280 Japan
Phone: 81-3-6711-8600

- *Affiliates*

Polyplastics Asia Pacific Sdn. Bhd.(Kuala Lumpur)
Polyplastics Asia Pacific Singapore Pte.Ltd.(Singapore)
Polyplastics Marketing (T) Ltd.(Bangkok)
Polyplastics China Limited (Hong Kong)
Polyplastics (Shanghai) Ltd.(Shanghai)
Polyplastics Trading (Shanghai) Ltd.(Shanghai)
Polyplastics Taiwan Co., Ltd.(Taipei)
PTM Engineering Plastics (Nantong) Co., Ltd.(Nantong)