

ZPR POM General Properties(ISO)

Item	Unit	Test Method	Standard
			ZPR30
			High Flow, Fast Molding Cycle
Color No.			CF2001
ISO Marking Code		ISO11469 (JIS K6999)	>POM<
Density	g/cm ³	ISO 1183	1.41
MI (190°C, 2160g)	g/10min	ISO 1133	27
Tensile strength	MPa	ISO 527-1,2	63
Strain at break	%	ISO 527-1,2	30 ^{*1}
Flexural strength	MPa	ISO 178	88
Flexural modulus	MPa	ISO 178	2,550
Charpy notched impact strength (23°C)	kJ/m ²	ISO 179/1eA	5.3
Temperature of deflection under load (1.8MPa)	°C	ISO 75-1,2	100
Coefficient of linear thermal expansion (23 - 55°C、 Flow direction)	x10 ⁻⁵ /°C	Our standard	11
Coefficient of linear thermal expansion (23 - 55°C、 Transverse direction)	x10 ⁻⁵ /°C	Our standard	11
Flammability		UL94	
The yellow card File No.			
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. All data shown here are not always applicable to parts used under different conditions. We do not guarantee that these data are directly applicable to the application conditions of users and we ask each user to make his own decision on the application. For safe handling of materials we supply, it is advised to refer to the Material Safety Data Sheet “SDS” of the proper material. This brochure is edited based on reference literatures, information and data currently available to us. So the contents of this brochure are subject to change without notice due to new data.