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201AC EF2001 (ISO)

HELP

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Item	Unit	Test Method	HB, Standard
			201AC
Color No.			Unfilled, Standard
ISO Marking Code		ISO11469 (JIS K6999)	EF2001
Density	g/cm ³	ISO 1183	>PBT<
Water absorption (23°C,24hrs)	%	ISO 62	1.31
Tensile strength	MPa	ISO 527-1,2	0.2
Strain at break	%	ISO 527-1,2	60
Flexural strength	MPa	ISO 178	45 ※1
Flexural modulus	MPa	ISO 178	86
Charpy notched impact strength (23°C)	kJ/m ²	ISO 179/1eA	2,410
Temperature of deflection under load (1.8MPa)	°C	ISO 75-1,2	3.3
Coefficient of linear thermal expansion (23 – 55°C, Flow direction)	x10 ⁻⁵ /°C	Our standard	70
Coefficient of linear thermal expansion (23 – 55°C, Transverse direction)	x10 ⁻⁵ /°C	Our standard	11
Electric strength (3mmt)	kV/mm	IEC 60243-1	17
Volume resistivity	Ω·cm	IEC 60093	6 x 10 ¹⁶
Tracking resistance (CTI)	V	IEC 60112	-
Rockwell hardness	M(Scale)	ISO2039-2	90
Flammability		UL94	Equivalent HB
The yellow card File No.			-
Appropriate List number of Ministerial Ordinance for Export Trade Control			Item 16 of Appendix -1

If item's description doesn't include test condition, the item is examined at 23 deg. C. (RT)

※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.



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