Tefabloc™

Mitsubishi Chemical Corporation

Physical Properties

Amorphous Polyolefin Tefabloc™ CP

Item	Test method	Test condition	Unit	CP101
				High transparency
Density	ISO 1183 Reference	-	g/cm^3	0.94
MFR	ISO 1133 Reference	230℃, 21.2N	g/10min	7
Tensile strength at Break	ISO 527 Reference	1A type, 50mm/min	MPa	35
Nominal Tensile Strain at Break			%	10
Flexural Modulus	ISO 178 Reference	-	MPa	2000
Flexural Stress			MPa	70
Charpy impact strength	ISO 179 Reference	23°C Notched	kJ/m^2	2
		23°C Without notch	kJ/m^3	20
HAZE	ISO 14782 Reference	2mmt	%	1.5
Total Light Transmittance			%	91
Refractive index	ISO 489 Reference	-	-	1.51
Vicat	ISO 306 Reference	50℃/hr, 10N	°C	114
Water absorption	ISO 760 Reference	Karl Fischer Method 180℃	%	<0.01

- Above evaluations are not entirely ISO compliant.
- Contents in the properties were written in Jan. 2023, and might be revised to improve it without advanced notice.
- Measured values written in the properties are typical without warranty.
- Before using products range, please make sure the legal regulation, conformity and safety limitation in the individual application by testing it in the experiment and checking it in the database list.
- Please pay attention to the patents owned by other companies.
- In the case of application touched to the human body, medical use and food contacting application, please consult us before using our products.