

● Physical Properties

Properties		Test Method	Unit	Data
Density		ASTM D792	g/cm ³	0.91
Melt Index	230°C, 2.16kg	ASTM D1238	g/10min	0.25
	190°C, 5.0kg			0.45
Tensile Strength	yield point	ASTM D638	kg/cm ²	270
	break point			230
Elongation		ASTM D638	%	>400
Flexural Modulus		ASTM D790	kg/cm ²	8,500
Izod Impact Strength	23°C	ASTM D256	kg · cm/cm	30
	0°C			8
	-20°C			3
Vicat Softening Point		ASTM D1525	°C	130
Melting Temperature		HS Method	°C	141
Surface Resistance		HS Method	Ω	>10 ¹³
Mean coefficient of linear thermal expansion (0°C - 110°C)		Dilatometer	K ⁻¹	1.5*10 ⁻⁴

* The data of table are relative and represent empirical values obtained in various tests.

● Resistance to internal hydrostatic pressure

Condition		Required	Typical Value of R200P	Test Method
20°C	16 MPa	1 hr	>10 hrs	ISO 1167
95°C	3.5 MPa	1,000 hrs	>5,000 hrs	ISO 1167
110°C	1.9 MPa	8,760 hrs	>10,000 hrs	ISO 1167