

--- SBC Resin ---

CLEAREN

Denka

Physical properties

Prtroperty	Test Methods	Conditions	Unit	530L	730L	210M	220M
				General Purpose Hard type	General Purpose Soft type	High Transparency	High Strength
Melt Mass Flow Rate	ISO 1133	200deg.C 49N	g/10min	8	8	8	7
Tensile stress at yield	ISO 527-1, -2	50mm/min	MPa	43	31	26	25
Tensile stress at break			Mpa	20	16	19	14
Flexural Modulus	ISO 178	2mm/min	MPa	2,010	1,410	1,530	1,350
Flexural Strength			MPa	63	45	31	25
Charpy Impact Strength	ISO 179	Notched	kJ/m ²	1.6	1.8	3.5	8.4
Temp of deflection under load	ISO 75-1, -2	1.8MPa Flatwise	deg.C	64	58	61	60
Vicat Softening Temp	ISO 306	50N	deg.C	92	84	81	78
Density	ISO 1183	23 deg.C	kg/m ³	1,030	1,020	1,020	1,020
Light Transmission	ISO 13468-1	2mmt	%	90	89	90	87
Haze	ISO 14782	2mmt	%	1.5	1.6	1.6	2.8
Molding Shrinkage	DENKA Method	2mmt	%	0.5	0.5	0.5	0.6

* The above values are typical and not guaranteed.

Injection Molding Condision

	Unit	530L , 730L , 210M , 220M
Pre-drying	Temp. [deg.C]	-
	Time [hr]	-
Cylinder Temperature	[deg.C]	180 ~ 220
Nozzle Temperature	[deg.C]	190 ~ 200
Mold Temperature	[deg.C]	30 ~ 50

Last update : 31-May-2016