

## DENKA CLEAREN SBC resins (Styrene-Butadiene Copolymer)

### General Properties

Properties	Methods	Conditions	Units	740M	511L	631M
				Low shrinkage	Middle shrinkage	High shrinkage
Tensile stress at yield	ISO 527-2	23°C	MPa	31	38	37
Tensile stress at break	ISO 527-2	23°C	MPa	16	29	27
Tensile strain at break	ISO 527-2	23°C	%	210	19	27
Charpy impact strength	ISO 179	notched,23°C	KJ/m <sup>2</sup>	1.8	1.6	2.1
Flexural stress	ISO 178	23°C	MPa	45	56	52
Flexural modulus	ISO 178	23°C	MPa	1,400	1,860	1,860
Temperature of deflection under load	ISO 75-1,2	1.8MPa	°C	58	54	50
Vicat softening temperature	ISO 306	10N	°C	83	72	70
Melt mass-flow rate	ISO 1133	200°C,49N	g/10min.	8	6	7
Density	ISO 1183	23°C	Kg/m <sup>3</sup>	1,020	1,020	1,020
Haze	ISO 14782	4mmt	%	1.6	6.7	3.3
FDA 21CFR177.1640 Regulations				○	—	○

\* Values are typical and not guaranteed.

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