

Generic Technical Sheet - SMC



SMC Product	Linear shrinkage	Glass Fiber Content	Density	Flexural Strength	Flexural Modulus	Impact Strength	Water Absorption	HDT	Application
	ISO2577 %	ISO1172 %	ISO1183 $\frac{g}{cm^3}$	EN ISO 178 $MPa$	EN ISO 178 $GPa$	EN ISO 179 $\frac{kJ}{m^2}$	ISO62 %	ISO75 $^{\circ}C$	
S5002	0.05/0.10	21-25	1.75-1.80	140-160	> 9	> 60	< 0.2	> 200	Electrical
S5008	0.05/0.10	20-27	1.75-1.80	140-160	> 9	> 60	< 0.2	> 200	Electrical Cabinets
S5011	0.10/0.15	20-27	1.75-1.80	140-160	> 9	> 60	< 0.2	> 200	Electrical Cabinets
S5012	0.05/0.10	23-27	1.81-1.87	150-160	9.5-10.5	> 60	< 0.2	> 200	Transports
S5020	0.06/0.09	23-27	1.70-1.75	100-130	8	>40	< 0.2	> 200	Electrical Cabinets
S5038	0.05/0.10	18-25	1.75-1.80	130-150	9	> 60	< 0.2	> 200	Electrical Cabinets
LP331	-0.05/0.00	23-27	1.75-1.80	> 140	9	> 70	< 0.2	> 200	Automotive
LP334	0.02/0.05	23-27	1.70-1.75	> 140	9	> 70	< 0.2	> 200	Agriculture
LP431	-0.05/0.00	23-27	1.70-1.75	> 140	9	> 70	< 0.2	> 200	Agriculture