

**PRODUCT DESCRIPTION :** **SMC Low Odor / Low volatil organic compound (VOC)**

Material properties		Nodorinite SMC				
<b>Aesthetic</b>	Color	Black			To be painted	
<b>Physical</b>	Density <i>ISO 1183 (g/cm<sup>3</sup>)</i>	1.5	1.65	1.77	1.45	1.93
	Shrinkage <i>ISO 2577 (%)</i>	0	0.13	0.06	0.02	-0.02
<b>Mechanical</b>	Flexural strength <i>EN ISO 14125 (MPa)</i>	225	205	255	225	250
	Flexural modulus <i>EN ISO 14125 (MPa)</i>	10 000	10 500	12 500	10 000	14 600
	Tensile strength <i>EN ISO 527-4 (MPa)</i>	105	100	120	105	120
	Tensile Modulus <i>EN ISO 527-4 (MPa)</i>	9 700	9 300	12 000	9 700	13 700
<b>VOC</b>	Total VOC <i>ISO 12219-3 <math>\mu</math>chambre (<math>\mu</math>g/m<sup>2</sup>h)</i>	-	-	2615	-	3244
	Styrene <i>ISO 12219-3 <math>\mu</math>chambre (<math>\mu</math>g/m<sup>2</sup>h)</i>	-	-	984	-	880
	Styrene <i>ISO 12219-4 chambre 1M3 (<math>\mu</math>g/m<sup>3</sup>/g)</i>	0.21	0.23	0.15	0.12	0.23
	Benzene <i>ISO 12219-4 chambre 1M3 (<math>\mu</math>g/m<sup>3</sup>/g)</i>	0.001	Non detected	Non detected	Non detected	Non detected
	Formaldehyde <i>ISO 12219-4 chambre 1M3 (<math>\mu</math>g/m<sup>3</sup>/g)</i>	0.01	0.014	0.018	0.03	0.039
<b>Odor</b>	Level <i>D 10 5517</i>	-	-	3.9	-	3.8

**The information on this sheet is a guide.** The stated values reflect an average of several tests conducted on IDI Composites Europe's goods. These values were obtained under ideal conditions and may not be replicated in any particular test, part, or application. Because the values achieved in actual parts depend considerably on part design, molding conditions, and testing methods, no guarantee is made or implied regarding values to be obtained in any specific test, part, or application. IDI Composites Europe makes no warranty or representation as to the suitability of any of its goods for use in any application. IDI Composites Europe relies on customer to conduct its own tests and judge for itself the suitability of IDI Composites Europe's goods.

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