

Trade name: **SIMONA® PVC-C CORZAN® Industrial Grade**

Revision: 01.01.2013

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SIMONA® PVC-C CORZAN® Industrial Grade

Data sheet update	01.01.2013
Classification	Class 23547
Classification Standard	ASTM D1784-11
Density, g/cc, D-792	1.520
Tensile Strength at yield, psi, D-638	8,700
Tensile Modulus, psi, D-638	363,000
Shore Hardness, (1 s), ISO 868	83
Coefficient of Thermal Expansion, in./in./°C, D-696	0.7 x 10 ⁻⁴
Heat Deflection Temperature at 264 psi, °F	212
Temperature Range, °F	-40 to +203
FDA regulations 21 Chapter 1, part 177.2510 for contact with food stuffs	no
Flammability D 635	self-extinguishing

The data presented in this section are to be seen as a guide and may vary depending on the processing method and test specimen used. In general, the figures are averages of tests performed on extruded sheets with a thickness of 4 mm. In the case of sheets manufactured by means of pressing, testing is generally performed on sheets with a thickness of 20 mm. Deviations may be possible if sheets are not available in these specific thicknesses. In the case of backed sheets, all technical specifications relate to the non-backed base sheets. Please note that this information is not necessarily applicable to products that have undergone downstream processing. The suitability of a material for a specific area of application must be checked by the processor or end user. All technical specifications are provided only as a guide for planning purposes. They do not constitute a guarantee of specific properties or qualities. For further information, please contact our Technical Service Centre at mail@simona-america.com.