

## Product Data Sheet: NidaFoam PET 100/150

	PET 100		PET 150	
	Imperial Unit	Metric Unit	Imperial Unit	Metric Unit
Density	100kg/m <sup>3</sup>	6.3 lb/ft <sup>3</sup>	150 kg/m <sup>3</sup>	9.4 lb/ft <sup>3</sup>
Compression Strength ISO 844	1.86Mpa	270 Psi	2.68 Mpa	389 Psi
Compression Modulus ISO 844	84 Mpa	12209 Psi	99.38 Mpa	14410 Psi
Shear Strength ASTM C273	1.19Mpa	173 Psi	1.36 Mpa	197 Psi
Shear Modulus ASTM C273	27.9 Mpa	4046 Psi	38.1 Mpa	5525 Psi
Tensile Strength ASTM D1623	2.1 Mpa	305 Psi	2.52 Mpa	365 Psi
Tensile Modulus ASTM D1623	107.1 Mpa	15530 Psi	122 Mpa	17719 Psi
Thermal Conductivity ISO 12667	0.026	0.015	0.028	0.017
Dimensional Stability	175° C	347° F	175° C	347° F
Closed Cell Rate ISO 4590	< 90%	< 90%	< 90%	< 90%
Fire Resistance DIN 4102 M1F1	Self extinguishing burn rate FMVSS 302			

Shear test done at the KTH Stockholm. Other values tested at Owens Corning Battice under supervision of DNV.



Available

### Quality Welded & Non-Welded PET Foam Special Features

- Thermoformable
- Great fatigue resistance
- Good chemical resistance