

TDS Technical Data Sheet



Properties	Norm	Value	Unit
Density	ISO 845	40 ± %10	kg/m ³
Tensile Strength (Lengthwise)	ISO 1926	> 250	kPa
Tensile Strength (Crosswise)	ISO 1926	> 150	kPa
Ultimate Elongation (Lengthwise)	ISO 1926	> 140	%
Ultimate Elongation (Crosswise)	ISO 1926	> 130	%
Compressive Strength def: 25%	ISO 844	> 32	kPa
Compression Set (22H, 23°C, 25%)	ISO 1856-C	< 8	%
Flammability-Automotive	*	FMVSS 302	<100 mm/min mm/min
Utilisation temperature		-40 +100	°C

* Upon Customer Request

- It has a closed cell structure, it is water and moisture resistant.
- It has an effective sound and heat insulation capacity.
- It is eco-friendly, and does not contain HCFC and harmful / banned chemicals.
- It is compatible with RoHS (Restriction of Hazardous Substances) that limits the usage of lead and other toxic substances standards .
- It does not contain fungi or bacteria, it is odorless.
- It is not affected by chemicals or external environment conditions.
- It recovers itself after impact, does not cave in.
- It can be shaped by heat (thermoforming).
- It can be produced as a roll or sheet.