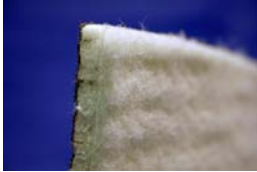


Thermal and acoustical systems

LyTherm[®]



LyTherm is engineered for use in a wide range of automotive applications. This product is a needle punched composite of polyester fibers with fiberglass core to withstand higher temperatures than typical automotive products.

Applications:

- Floor Covering Systems
- Battery Insulation
- Dash Assembly Systems
- Rear Seat Barriers
- Trunk / Luggage Compartments
- Localized Insulation
- Commercial Appliances

Features and Advantages:

- Low tooling costs
- Short production lead times
- Wear resistant and moldable
- Utilizes recyclable materials
- Excellent compression and recovery
- Excellent Acoustic properties

Typical Properties:

MATERIAL TYPE:	Polyester & Fiberglass core material	
PRODUCT SPECIFICATIONS:	MS-HZ-100-I-T1	DaimlerChrysler
	WSS M99P32-A	Ford
	GM258M, TYPE 1	General Motors
THICKNESS:	0.35 inch (9 mm)	
DENSITY:	0.70 kg/m ²	
TEAR STRENGTH:	Machine Direction:	100 N/cm
	Cross Direction:	64 N/cm
TENSILE STRENGTH:	Machine Direction:	145 N
	Cross Direction:	141 N
BURN RATE:	Machine Direction:	All samples SE
	Cross Direction:	All samples SE
THERMAL CONDUCTIVITY (k)	24° C:	0.034 W/m/°K
	93° C:	0.043 W/m/°K
THERMAL RESISTANCE (R)	24°C:	0.26 m ² °K/W
	93°C:	0.21 m ² °K/W