

LM175

LyTherm175

LM175 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.

Features / Advantages

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

Applications

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

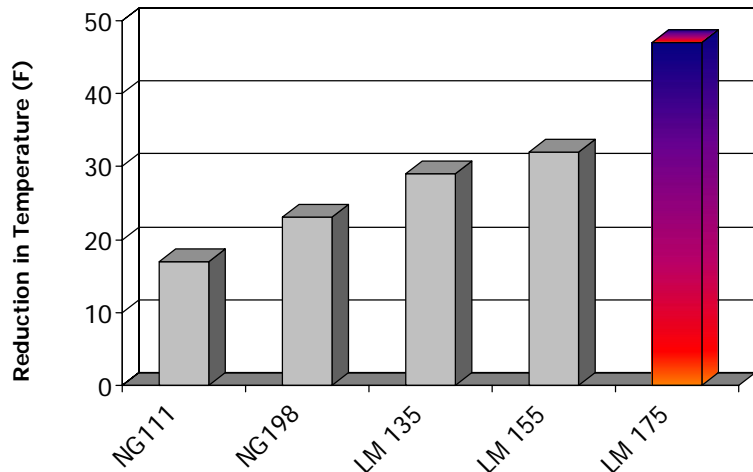


LM175

Typical Properties

MATERIAL TYPE:	Polyester & Fiberglass core material	
PRODUCT SPECIFICATIONS:	MS-HZ-100-I-T1 WSS M99P32-A GM258M, TYPE 1	DaimlerChrysler Ford General Motors
THICKNESS:	.75 inch (19 mm)	
DENSITY:	1.22 kg/m ²	
TEAR STRENGTH:	Machine Direction:	87 N/cm
	Cross Direction:	67 N/cm
TENSILE STRENGTH:	Machine Direction:	179 N
	Cross Direction:	172 N
BURN RATE:	Machine Direction:	All samples SE
	Cross Direction:	All samples SE
THERMAL CONDUCTIVITY (k)	24°C:	0.032 W/m/°K
	93°C:	0.042 W/m/°K
THERMAL RESISTANCE (R)	24°C:	0.60 m ² °K/W
	93°C:	0.45 m ² °K/W

Top of Carpet Temperature Reduction versus shoddy



NOTE: Reduction in temperature versus a carpet system consisting of cotton shoddy only. Floorpan temperature = 360°F. Temperature values measured on top of carpet. SAE J1361 Hot Plate Test Method