

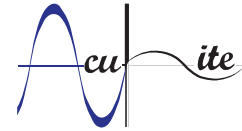
EMC Solutions Sectors

Sound and Vibration Control

PSN 101
Product data sheet

Ref: PLA 0605

AcuLite® E30F



Generic Description

A high performance light weight flexible material engineered to give excellent broad band sound absorption

Function

Airborne noise reduction and control, typically used :

- **Behind automotive trim**
- **Above automotive headliners**
- **Within automotive instrument panels**
- **As a lining within acoustic enclosures**

Component Detail

Machine cut finished parts, with optional edge sealing and optional self-adhesive systems

Material Properties

• Acoustic performance

The chart below shows typical acoustic absorption performance in a large scale test. The test is performed on the material from which a finished component is manufactured.

• Physical characteristics

Density : 375gsm

Nominal uncompressed thickness : 15mm

Polymer blend : 13%PP, 80%PET, 7%PU-R

• Flammability : ISO 3795 0mm/min

Features

- Dimensionally stable
- Can be ultrasonically welded to substrates
- Can be supplied with clips for mechanical attachment
- Virtually no dusting after processing.
- Wide range of self-adhesives available

• Colour

White core fibre. White facing textile.

• Service Temperature

Continuous : 100deg C

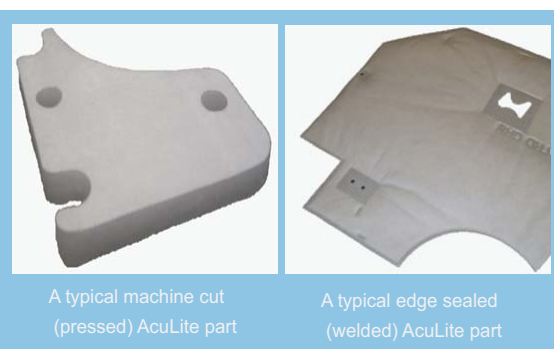
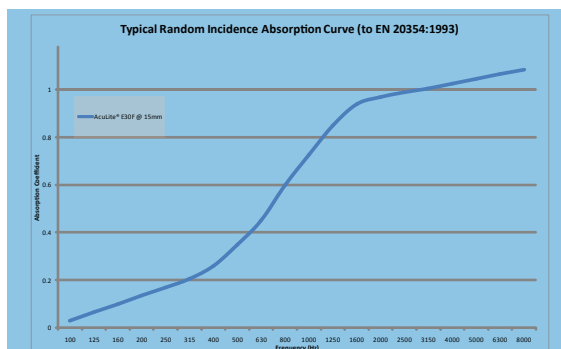
Peak (short duration) : 120deg C

• OEM usage

AcuLite is currently approved and used in Europe by Nissan, Honda, Toyota, Mini, Ford, Jaguar, Land Rover, Mercedes, Aston-Martin, Renault, PSA, McLaren Automotive

Self Adhesive Availability

- SBR / Solvented Acrylic / Water based Acrylic compounds
- Scrim supported / Film supported / Transfer adhesive presentations
- Striped or solid coverage
- Silicone paper or plastic film release liners
- Ultra-low VOC emission adhesive technology available



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