

# AZOTE®

The AZOTE® Automotive  
Design Premium



LIGHTWEIGHT



COLD RESISTANT



IMPACT  
RESISTANT



CONSISTENT CELL  
SIZE & STRUCTURE



DURABLE



HEAT RESISTANT



LOW ODOUR & VOC'S



RESISTANT TO  
SOME CHEMICALS



THERMAL  
INSULATION



TO  
MOISTURE



MOULD  
RESISTANT



BUOYANT



AUTOMOTIVE REGULATORY  
APPROVALS



AUTOMOTIVE  
OEM APPROVALS



**ZOTEFOAMS**

For more information

#### **ZOTEFOAMS plc**

675 Mitcham Road  
Croydon CR9 3AL United Kingdom  
Tel: +44 (0) 20 8664 1600  
Fax: +44 (0) 20 8664 1616  
Email: [info@zotefoams.com](mailto:info@zotefoams.com)

#### **ZOTEFOAMS, inc**

55 Precision Drive  
Walton Kentucky 41094 USA  
Tel: +1 859 371 4046 FREE: (800) 362-8358 (US Only)  
Fax: +1 859 371 4734  
Email: [custserv@zotefoams.com](mailto:custserv@zotefoams.com)

Visit our website [www.zotefoams.com](http://www.zotefoams.com)



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### The AZOTE® Process Premium

- ◆ Thermo-formable
- ◆ Vacuum Formable
- ◆ Splittable
- ◆ High Quality Surface Finish
- ◆ Heat Stable
- ◆ Thermal Bonding
- ◆ Water Jet Cutting
- ◆ Robust Edges
- ◆ Ductile
- ◆ Reduced Resin Uptake
- ◆ Reduced Adhesive Uptake

**AZOTE®**

## AUTOMOTIVE

### Application Adapted High Performance Foam



**ZOTEFOAMS**



**AZOTE®**

# Automotive Adapted

AZOTE® foams offer a unique combination of advantages for automotive product design teams.

This range of lightweight, crosslinked polyolefin block foams includes the lightest OEM approved automotive foam, conductive and static dissipative grades compatible with the sensitive electronic components, and a huge colour range.

These foams are used in a wide range of applications including interior trim, seating, cushioning, thermal insulation, gap fillers, seals and gaskets, protective covers and ducting.

The Zotefoams process produces lightweight, low odour, crosslinked, closed cell foams with amazingly consistent cell size. These inbuilt characteristics of AZOTE® foam facilitate the production of high quality finished products from a wide variety of processes, including thermoforming, water jet cutting, thermal bonding and routing.

## Soft and Semi Soft

Brand Name	Grade	Polymer	Density
Plastazote®	LD15	LDPE	15 kg/m³
Plastazote®	LD15FM	LDPE Flame Retardant	15 kg/m³
Plastazote®	LD24	LDPE	24 kg/m³
Plastazote®	MP24	LDPE Metallocene	24 kg/m³
Plastazote®	LD33	LDPE	33 kg/m³
Plastazote®	LD45	LDPE	45 kg/m³

## Semi Rigid and Rigid

Brand Name	Grade	Polymer	Density
Plastazote®	PK80	LDPE and HDPE	80 kg/m³
Plastazote®	HD30	HDPE	30 kg/m³
Plastazote®	HD60	HDPE	60 kg/m³
Plastazote®	HD80	HDPE	80 kg/m³
Plastazote®	HD110	HDPE	110 kg/m³
Plastazote®	HD115	HDPE	115 kg/m³

## Automotive Applications

- ◆ Interior Trim
- ◆ Seating
- ◆ Cushioning
- ◆ Gap Fillers
- ◆ Seals and Gaskets
- ◆ Thermal Insulation
- ◆ Protective Covers
- ◆ Ducting
- ◆ Composites

### Engine Bay

1. Protective cover



2. Bulk head gromet



3. Under bonnet gap filler



### Exterior

4. Shock absorber cover



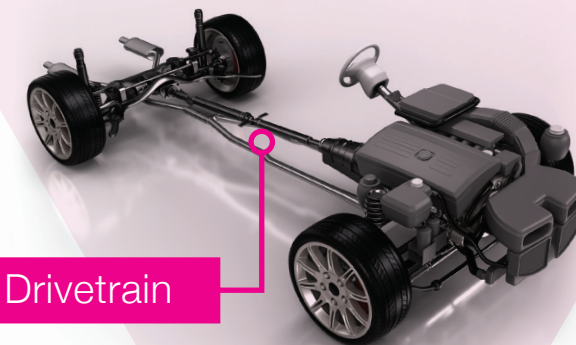
5. Body panel gap filler



6. Window seal



### Drivetrain



### Interior

7. Door seal



8. Door speaker gasket



9. Ducting

