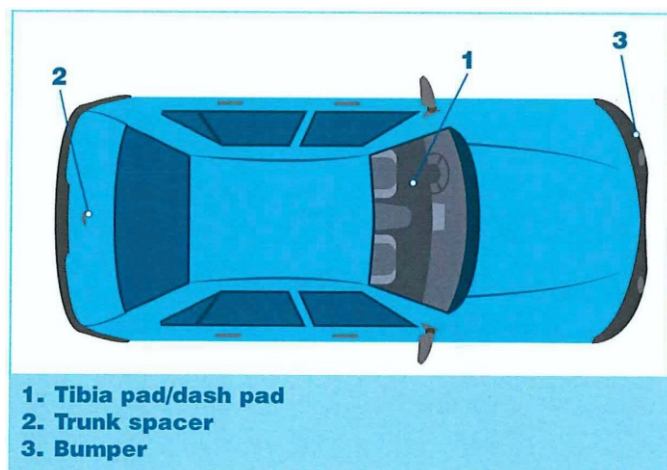


# ARCEL<sup>®</sup> Resins a Styropek Expandable Styrenics Product



## What is ARCEL Resin?

ARCEL resin is a polystyrene and polyethylene inter-polymer foam that can be used in a variety of automotive applications. This combination of these two resins provides a unique blend of properties. ARCEL resin is available in Natural (White) or Gray.



### Polystyrene

- Dimensional Stability
- Compressive Strength
- Easy Processability
- Superior energy absorption

### Polyethylene

- Flexibility
- Resiliency
- Solvent Resistance
- Abrasion Resistance

## ARCEL Resin in Automotive Applications

ARCEL resin meets the requirements for a wide range of automotive applications, including tibia pads (under carpet), trunk spacers and bumpers.

ARCEL 640 grade has been approved and is currently approved for use, or being used in existing automotive applications.

In the automotive industry, ARCEL resin may be referred to as PSPE, PS+PE, or EPO (expandable polyolefin).

## ARCEL Resin Density

ARCEL resin is not limited to a few discrete density options, and can be pre-expanded as needed within a broad range of densities. Existing ARCEL resin automotive applications include 1.7 to 12.5 pcf.

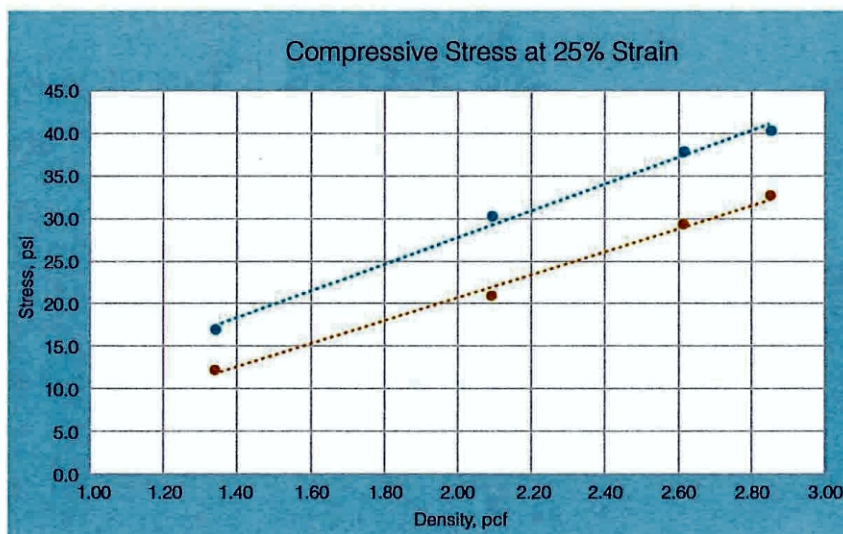
## Why ARCEL Resin?

ARCEL resin has impact properties that make this robust foam a good fit for automotive components. When determining which foam to use, ARCEL resin is a viable alternative to meet existing foam component specifications. This provides automakers an opportunity to lightweight vehicles without compromising performance or durability.

In addition, ARCEL resin can be expanded and molded on traditional expandable polystyrene (EPS) equipment, and it is easily available in most regions of the world. ARCEL resin is also recyclable at end of life as a #6 (polystyrene).

**Styropek**

[www.styropek.com](http://www.styropek.com)



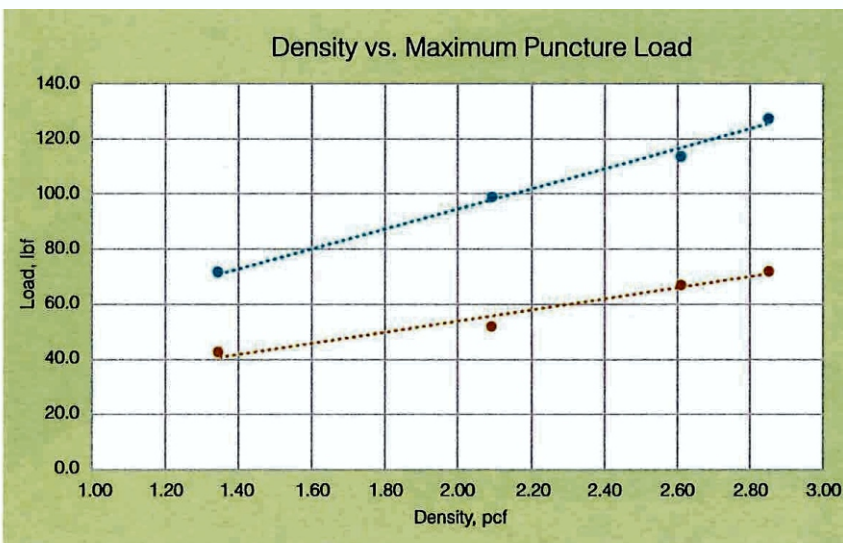
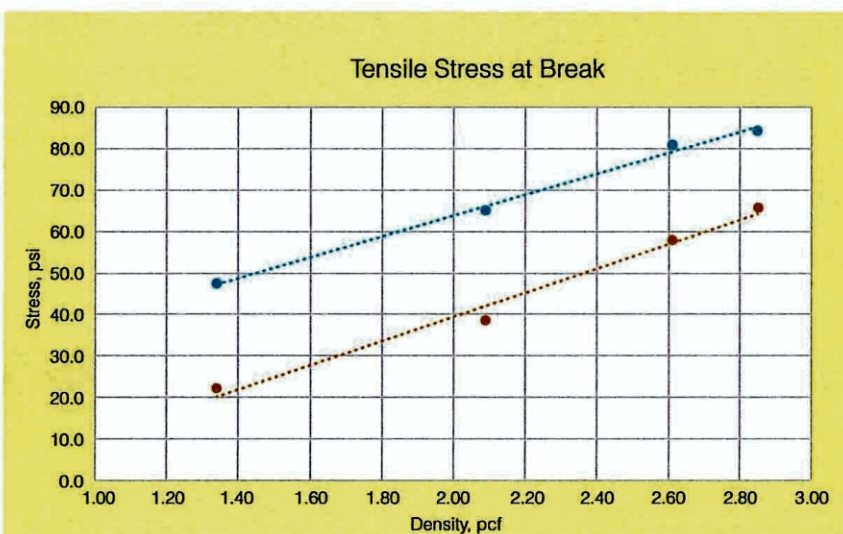
● ARCEL 640  
● EPP

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