



Dow Integral Skin Solutions Demonstrate Superior Processing and Outstanding Performance



From the office to the automobile, Dow's new polyurethane integral skin foam, otherwise known as self-skinning, helps lower global warming potential (GWP) by 99.9 percent while sustaining the comfort level and durability of previous polyurethane systems.

Performance Benefits

These polyurethane materials are designed with improved mechanical and physical properties, including:

- Lightweight flexible and touch foam core, but soft-to-the-touch exterior
- Good flow and uniform density distribution of the foam
- Safety and durability
- Superior skinning properties
- Abrasion and chemical resistance
- Excellent adhesion to a variety of substrates
- Excellent mechanical properties of the foam, resulting in outstanding dimensional stability

- Extended shelf life of the fully formulated system with hydrofluoroolefin (HFO)
- A curing profile that allows for very competitive de-mold times
- Additives can be used for flame retardants, UV stability, color and anti-microbial needs

Integral skin foam is used in a number of market applications, including automotive interiors, furniture components, household leisure goods and healthcare products, such as wheelchairs.

Innovating For You

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