TRANSCEND® ADDITIVE BY ARKEMA

Add Transcend® additive technology to enhance your next-generation foam

Based on trans-1,2-dichloroethylene, the Transcend® additive technology can be added to hydrocarbon and HFC foam formulations to create unique foam products.

ADVANTAGES OF USING TRANSCEND® ADDITIVE TECHNOLOGY

Blends with HFC Foam Formulations

- Improves mold flow and skin formation in Integral Skin Foam.
- Reduces the viscosity of "B" side premixes.
  – Improves processability
- Improves fire performance of HFC-based foams.
  – Reduces smoke generation in PIR Foams
  – Reduces initial weight loss of foam
- Provides blowing efficiency; may allow for a reduction in blowing agent levels.
- Reduces vapor pressure of HFC-based systems, in particular, with 134a and 245fa.
- Improves solubility of blowing agents in polyols and reduces viscosity, thus improving the flow characteristics of many foam formulations.

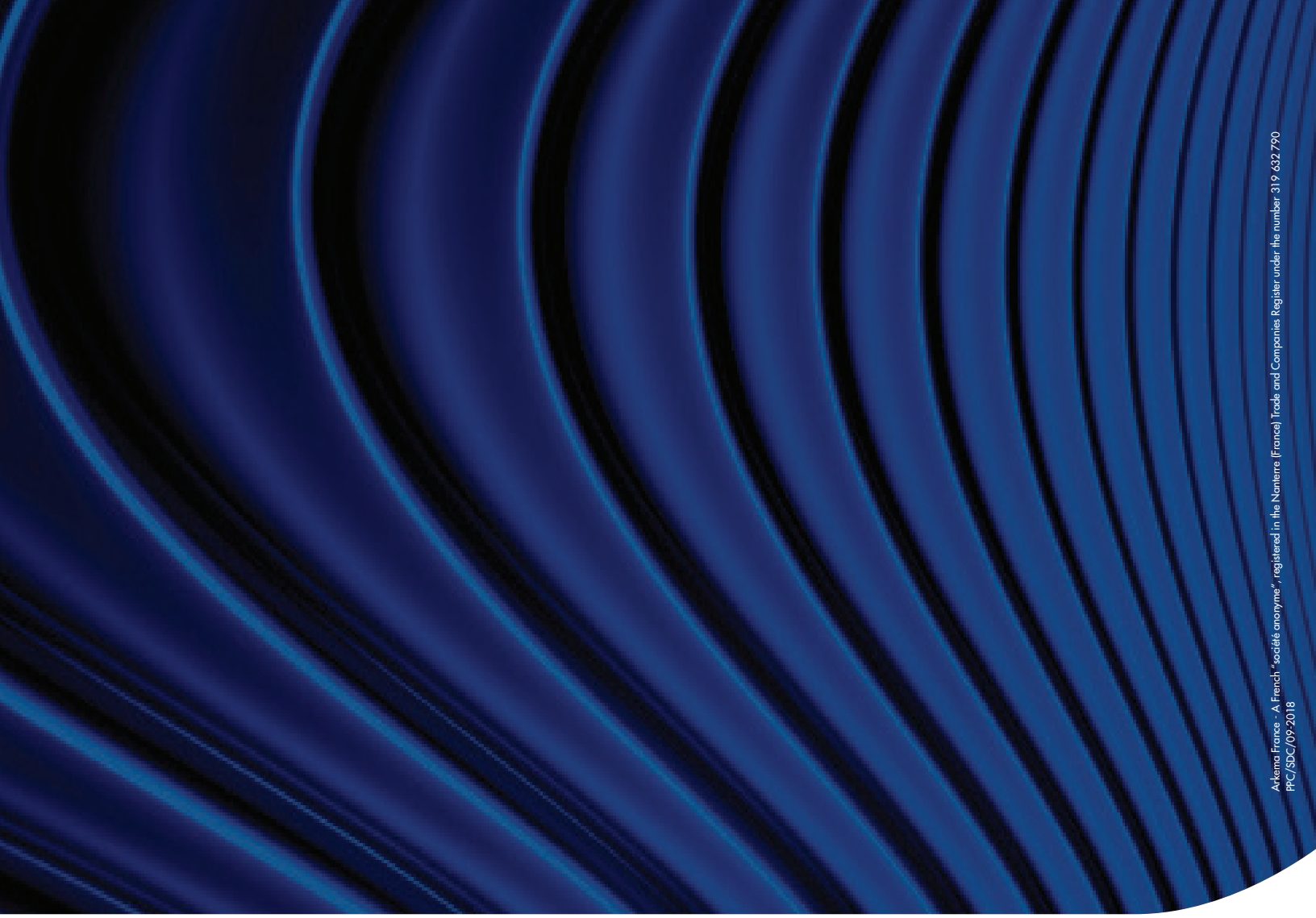
Blends with Hydrocarbon (HC) Foam Formulations

- Reduces viscosity of "B" side premixes.
- Improves fire performance of HC-based foams (based on small-scale test results).
  – Reduces initial weight loss of foam
  – Reduces smoke generation

PATENTED TRANSCEND® ADDITIVE TECHNOLOGY

- **Foam Premixes - Improved Processability**
  (US Patents Nos. 6793845, 7449438, 7098254)*
- **Foam - Enhanced Fire Performance**
  (US Patents No. 7144926)*
- **Trans-1,2-dichloroethylene Flash Point Elevation**
  (US Patent No. 8580137)*

*Arkema also holds corresponding patents in other countries.



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