

Urethane Systems – Our solutions at K 2022

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Urethane Systems focused on high performance PU elastomers, adhesives, sealants and coatings





A world leader in specialized PU prepolymers and application know-how





LANXESS expertise

Customer expertise

Experts for many specialized applications





Global coverage for our customers





Enabling sustainability in the polyurethane industry shapes our activities





It's a joint journey!

Low free (LF) isocyanate urethane systems drive safety and performance



Superior industrial hygiene enabled by low-free isocyanate prepolymers



Benefits

• Unsurpassed industrial hygiene • Excellent performance • Superior processing & productivity

Novel hot cast & cold cure systems allow energy savings of up to 60%







Energy savings further contribute to CO₂ emissions reduction for a more sustainable world

Adiprene Green systems benefit from up to ~90% bio content - Reduced product carbon footprint



Adiprene Green helps reducing CO₂ emissions



Benefits

- Systems mainly based on LF technology to optimize sustainability profile using MDI, TDI and pPDI as backbone
- Up to ~90% bio-content component to be derived from industrial scale source

Pellart[®] high performance water-based systems with better environmental footprint for all layers of coatings







Leading innovator to drive sustainability

Industry leading technical and analytical capabilities to deliver state-of-the-art material solutions

Global manufacturing network ensures consistent products and reliable local supply

Decades of expertise in the design, formulation, and use of urethane systems across a range of applications

Committed to bringing sustainability along the polyurethane value chain to a new level



LANXESS Energizing Chemistry