

SOLUTION DATA SHEET

Pearlcoat[™] ACTIVA Polymer Gives Soft Touch to Thermoformed/Co-Extruded Surfaces



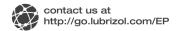
Markets	Transportation
Polymer	Pearlcoat™ ACTIVA 118K thermoplastic polyurethane (TPU)
Key Benefits	 Low-gloss, soft TPU Low temperature flexibility Very good abrasion resistance

In transportation logistics, long and costly processes are used to manufacture trays to transport industrial parts. These processes can now be simplified by applying **PearlcoatTM ACTIVA** TPU in a very thin coextruded and thermoformed TPU layer. Even the most delicate automotive parts that sit on trays can avoid damage and any level of contamination thanks to the application of **Pearlcoat ACTIVA D118K**.

When **Pearlcoat ACTIVA** solutions are applied in the end application, outstanding haptics (comfort), a low gloss/matt appearance and soft touch are the key benefits.

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PEARLCOAT™ ACTIVA D118K

Lubrizol Engineered Polymers has developed a soft touch material that naturally stick to diverse substrates, granting a superior scratch-, abrasion- and anti-slip (dry surfaces) resistance, and the cleanest anti-static solution to final co-extruded parts based on different plastics (polar and non-polar). The TPU layer grants a longer life span, top performing mechanical properties, and recyclability*.

The feature that stands out apart from the soft touch, is its <u>low gloss</u> matt appearance which is better than that of standard TPU.

Summary of benefits obtained by using Lubrizol TPU:

- Soft TPU: 70 Shore A hardness
- High aesthetic appeal (leather finish)
- Very good bonding to polar substrates (ABS, PC, PVC...)
- Broad scope of process application: Extrusion, coextrusion, co-injection molding and thermoforming



Lubrizol's innovative TPU portfolio also offers lightweight ESTANE® cost-out solutions, and Stat-Rite® and Carbo-rite® advanced materials for conductive and non-conductive electrical- and electronic-sensitive parts.

For more information, please visit our web site: www.lubrizol.com/Engineered-Polymers

*Recyclability is based on access to a readily available standard recycling program that supports such materials. This product may not be recyclable in all areas.

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