

SOLUTION DATA SHEET

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



<b>Markets</b>	Transportation
<b>Polymer</b>	Pearlcoat™ ACTIVA 118K thermoplastic polyurethane (TPU)
<b>Key Benefits</b>	<ul style="list-style-type: none"> <li>• Low-gloss, soft TPU</li> <li>• Low temperature flexibility</li> <li>• Very good abrasion resistance</li> </ul>

In transportation logistics, long and costly processes are used to manufacture trays to transport industrial parts. These processes can now be simplified by applying **Pearlcoat™ ACTIVA** TPU in a very thin co-extruded 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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Lubrizon 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 low gloss matt appearance which is better than that of standard TPU.

Summary of benefits obtained by using Lubrizon 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, co-extrusion, co-injection molding and thermoforming



Lubrizon'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.lubrizon.com/Engineered-Polymers](http://www.lubrizon.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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