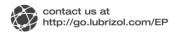**Lubrizol**

SOLUTION DATA SHEET

Laser-Markable, UV Resistant Solution for Long-term Animal Identification Tags

Markets	Animal identification tags
Polymer	Pearlthane 15N95UV thermoplastic polyurethane (TPU)
Key Benefits	• UV resistance • Laser marking • Good hydrolysis resistance • Low temperature flexibility

contact us at
http://go.lubrizol.com/EP

LUBRIZOL ENGINEERED POLYMERS | **ADVANCING MATERIALS. ELEVATING PERFORMANCE.**

Because of their exterior use, animal identification tags need outstanding scratch and abrasion resistance while being UV resistant. Ear tags using Pearlthane TPU offer superior performance even in the most extreme weather conditions. Pearlthane 15N95UV TPU is a unique combination of design flexibility and outdoor performance.

Pearlthane 15N95UV, with a 95 Shore A hardness, not only provides the benefits of copolymer technology such as improved hydrolysis resistance and excellent wear/abrasion resistance, it also has the advantage of being a fast cycling UV-activated TPU. As a result, it is the ideal choice for long-term laser-markable or smart identification tags (with microchips).

Pearlthane 15N95UV TPU is a high fluidity grade that ensures a cost-saving solution with its fast cycling performance and is the ideal material to offer excellent weather resistance, flexibility and tear resistance across a wide range of climatic conditions.

Benefits of Pearlthane™ TPU in ID tags
Fast cycling performance
Easy to colour/laser mark/print
High fluidity grades
Low density
Design flexibility

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

contact us at
http://go.lubrizol.com/EP

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