

## ORCO PU Blue Reactive Polymeric

**ORCO PU Blue** is a reactive polymeric colorant specifically designed for polyurethane (PU), used in applications such as foam, elastomers, adhesives and synthetic leather. Unlike traditional PU Pigment Dispersions, **ORCO PU Blue** can react into the PU Polymer Matrix directly, providing strong color fastness and solvent resistance.

**ORCO PU Blue** is manufactured without using any harmful solvents such as Dimethylformamide (DMF).

Features	Key Advantages for Foams
<ul style="list-style-type: none"> <li>High Color Strength</li> <li>Strong Color Fastness</li> <li>Excellent Compatibility</li> <li>No Effect on PU System</li> <li>100% Polyol Soluble</li> </ul>	<p><b>Easy to Blend</b> – can be blended to achieve custom shades</p> <p><b>Easy to Handle</b> – low viscosity and no coagulation. Easily pumped at room temperature</p> <p><b>Easy to Save</b> – water soluble and easy to clean up. Can be used to color PU in-line with foaming process, and short color change out.</p>



### Typical Properties

Appearance	Dark Blue Liquid
Solubility	Water Soluble
Density	1.1
Viscosity (cps, 25°C)	<5000
OH Value	84-94
Functionality	4

### Recommendation

- For polyurethane foams application, the recommended **ORCO PU Blue** dosage range is 0.2% ~ 3%
- For TPU or Casting PU application, the recommended **ORCO PU Blue** dosage range is 0.1% ~ 1% (Based on the volume of polyol)

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