ORCO PU Violet

Reactive Polymeric

ORCO PU Violet 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 Violet** can react into the PU Polymer Matrix directly, providing strong color fastness and solvent resistance.

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

Features	Key Advantages for Foams
• High Color Strength • Strong Color Fastness • Excellent Compatibility • No Effect on PU System • 100% Polyol Soluble	***Easy to Blend*** – can be blended to achieve custom shades ***Easy to Handle*** – low viscosity and no coagulation. Easily pumped at room temperature ***Easy to Save*** – water soluble and easy to clean up. Can be used to color PU in-line with foaming process, and short color change out.

3.0 php
(Parts per hundred polyol)

Typical Properties

Appearance	Dark Violet Liquid
Solubility	Water Soluble
Density	1.1
Viscosity (cps, 25°C)	<5000
OH Value	77-87
Functionality	2

Recommendation

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

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