



# What Makes **PU Thickeners** Essential for **Superior Rheology in Coatings?**

Know More







# What are PU Thickeners?



**PU Thickeners** ensure the right consistency for easy application, providing a smooth coat. They prevent **settling & sagging** - thereby maintaining **coating uniformity**.

Additionally, **PU Thickeners** also help in providing effective **water resistance** as well as **alkali resistance**.

But there are some selected thickeners that outperform rest of the category...

Swipe to learn more 

# How PU Thickeners enhance coatings?



**Polyurethane (PU) thickeners** offer excellent control over viscosity, making their use indispensable in paints & coatings.

- **Shear-Thinning Behavior**

They make application easier and provide a smooth finish

- **Enhanced Flow and Leveling**

Improves the sheen of the coating

- **Reduces Spattering**

Aids reduced paint spattering for both Brush & Roller Applications

- **Effective against Syneresis**

Helps to overcome issues due to Syneresis such as in-can appearance

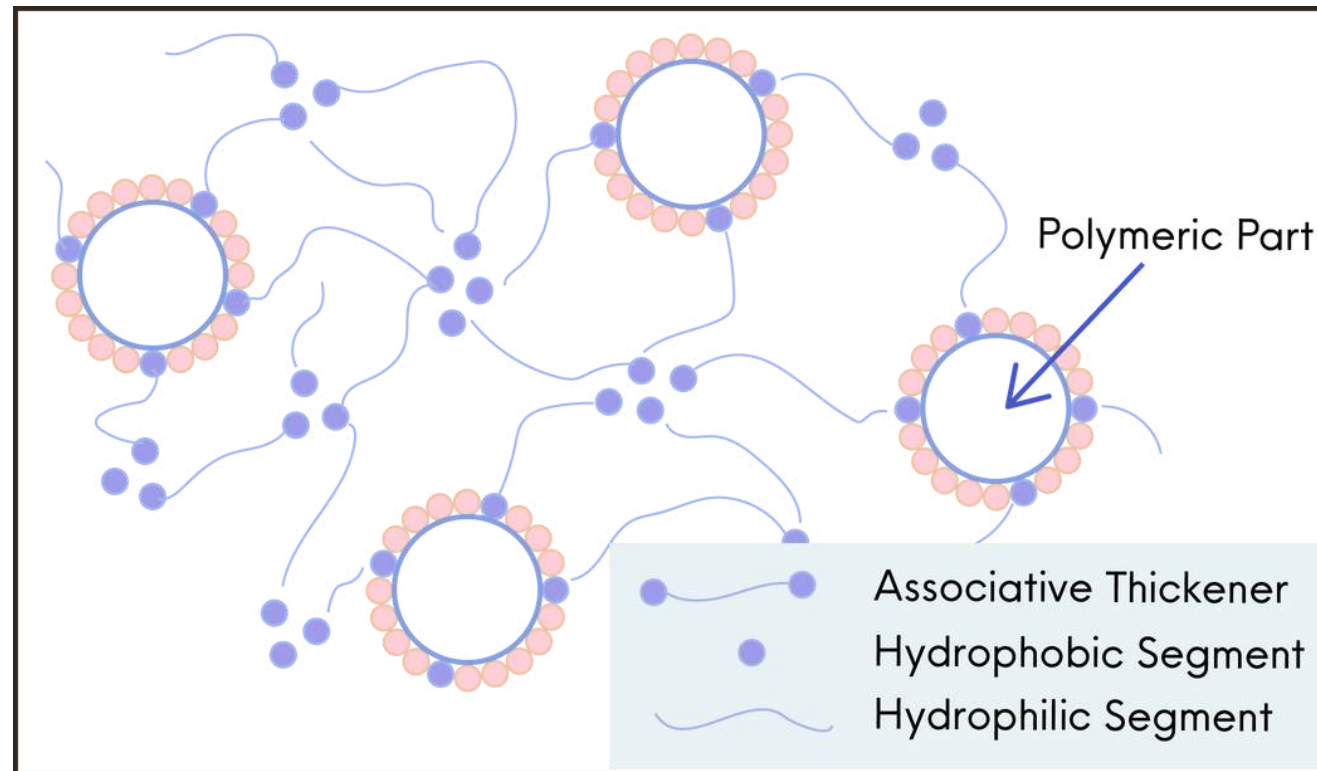
Swipe to learn more 



# Mechanism of PU Thickeners



**PU Thickeners** offer several advantages over non-associative/linear thickeners when imparting rheology to waterborne coatings, as they form networks.



Swipe to learn more 



# OUR RECOMMENDATION FOR PERFECT COATINGS



## Our PU Thickeners

Optime's high-performance PU thickener that will transform your Decorative Coatings and take them to the next level.

**U300** - High shear

**U505** - High - medium shear

**U604** - Medium shear

**U902** - Low shear

Swipe 

CONNECT WITH US | **YOUR NEEDS  
OUR EXPERTISE  
POSSIBILITIES**

## Let's Collaborate For Your

Innovation Needs | Product Information  
Sample Requests | Technical Information

Email | [solutions@optimeglobal.com](mailto:solutions@optimeglobal.com)  
Web | [optimeglobal.com](http://optimeglobal.com)  
24/7 | +91 8591-933-123

