



# SHAYA POLYMERS

## Technical Data Sheet

Winnovate FM 81-D is a formulated polyether polyol used to produce molded foams, specifically designed for durability and comfort in furniture applications.

### Product Specifications:

Characteristic	Unit	Specification
Appearance		White Viscous Liquid
Viscosity @ 25°C	CPS	1200 ± 100
Specific Gravity @ 25°C		1.015 - 1.02
Mixing Ratio (Polyol : MDI)	PBW	100:50 ± 5

### Mixing & Reactivity:

Parameter	Unit	Value
Cream Time	Sec	13 ± 2
Rise Time	Sec	62 +5
Free Rise Density (FRD)	Kg/m <sup>3</sup>	45

### Foam Properties:

Property	Unit	Result
Density	Kg/m <sup>3</sup>	48 ± 2
Resilience	%	55+5
IFD @ 25%	Kgf	15+3
Demould Time	Sec	240 ± 10

### Storage Instructions:

Store Winnovate FM 81-D in a liquid state at ambient temperature. Ensure container is tightly closed to prevent moisture absorption.

### Contact Information:

For more information or technical support, please contact our PU Systems team. Mob no: +919150015630