

## Dow VORANOL™ VORACTIV™ 6340 Catalytically Active Polyether Polyol

Category : Polymer , Thermoset

### Material Notes:

VORANOL™ VORACTIV™ 6340 polyether polyol is a catalytically active, high functionality capped polyol. Its high molecular weight, functionality, high primary hydroxyl content, and inherent catalytic activity make it well suited for high-resilience, flexible molded foams. These foams may be made utilizing TDI, TDI/MDI blends, or all-MDI isocyanate compositions. Information provided by Dow

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Dow-VORANOL-VORACTIV-6340-Catalytically-Active-Polyether-Polyol.php](http://www.lookpolymers.com/polymer_Dow-VORANOL-VORACTIV-6340-Catalytically-Active-Polyether-Polyol.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.02 g/cc	1.02 g/cc	
Density	1.02 g/cc	0.0368 lb/in <sup>3</sup>	
Viscosity Measure	600 - 700 cSt	600 - 700 cSt	
	@Temperature 37.8 °C	@Temperature 100 °F	
Maximum Moisture Content	0.080	0.080	
Vapor Pressure	<= 0.000133 bar	<= 0.100 torr	
ASTM Color	<= 75	<= 75	APHA

Thermal Properties	Metric	English	Comments
Specific Heat Capacity	1.84 J/g-°C	0.440 BTU/lb-°F	
	@Temperature 20.0 °C	@Temperature 68.0 °F	
	2.00 J/g-°C	0.478 BTU/lb-°F	
	@Temperature 60.0 °C	@Temperature 140 °F	
	2.09 J/g-°C	0.500 BTU/lb-°F	
	@Temperature 100 °C	@Temperature 212 °F	
Thermal Conductivity	0.163 W/m-K	1.13 BTU-in/hr-ft <sup>2</sup> -°F	
	0.155 W/m-K	1.07 BTU-in/hr-ft <sup>2</sup> -°F	
	@Temperature 100 °C	@Temperature 212 °F	
	0.159 W/m-K	1.10 BTU-in/hr-ft <sup>2</sup> -°F	
	@Temperature 50.0 °C	@Temperature 122 °F	
Flash Point	>= 204 °C	>= 399 °F	PMCC

Descriptive Properties	Value	Comments
Hydroxyl Number mg KOH/g	30 - 34	

## Contact Songhan Plastic Technology Co.,Ltd.

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