

Dow VORANOL™ CP 450 Polyol

Category : Polymer , Thermoset

Material Notes:

VORANOL™ CP 450 polyol is a glycerine propoxylated polyether triol. Information provided by Dow

Order this product through the following link:

http://www.lookpolymers.com/polymer_Dow-VORANOL-CP-450-Polyol.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.065 g/cc	1.065 g/cc	
pH	6.5 - 8.0	6.5 - 8.0	(1 Water / 10 Methanol); DOWM 101495-TE94A
	7.5	7.5	(6 Water / 10 Isopropanol); AOD-AM-82-031
Viscosity Measure	300 - 360 cSt	300 - 360 cSt	ASTM D445-94
	@Temperature 25.0 °C	@Temperature 77.0 °F	
Molecular Weight	450 g/mol	450 g/mol	
Maximum Moisture Content	0.060	0.060	wt% water; ASTM E203-96
ASTM Color	<= 30	<= 30	APHA; ASTM D4890-93

Thermal Properties	Metric	English	Comments
Flash Point	230 °C	446 °F	Pensky Martens closed cup

Chemical Properties	Metric	English	Comments
Total Acid Number	0.050	0.050	[mg KOH/g]; DOWM 100387-TE95A
Ionic Impurities - Na (Sodium)	<= 10 ppm	<= 10 ppm	AOD-S
Ionic Impurities - K (Potassium)	<= 10 ppm	<= 10 ppm	AOD-S

Descriptive Properties	Value	Comments
Hydroxyl Number mg KOH/g	370 - 396	ASTM D4274-94d

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