

Dow VORANOL™ CP 1421 Polyol

Category : Polymer , Thermoset

Material Notes:

VORANOL™ CP 1421 polyol is a polyether polyol especially designed for the production of soft and hypersoft flexible slabstock foams. It is also used at low level (0.5 to around 5 php) as cell opener in high resilience slabstock and molded foam. Information provided by Dow

Order this product through the following link:

http://www.lookpolymers.com/polymer_Dow-VORANOL-CP-1421-Polyol.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.091 g/cc	1.091 g/cc	
pH	5.5 - 8.0	5.5 - 8.0	(1 Water / 10 Methanol); DOWM 101495-TE94A
Viscosity Measure	655 cSt	655 cSt	ASTM D445-94
	@Temperature 37.8 °C	@Temperature 100 °F	
	1190 - 1420 cSt	1190 - 1420 cSt	ASTM D445-94
	@Temperature 25.0 °C	@Temperature 77.0 °F	
Maximum Moisture Content	0.080	0.080	wt% water; ASTM E203-96
ASTM Color	<= 50	<= 50	APHA; ASTM D4890-93

Thermal Properties	Metric	English	Comments
Flash Point	>= 270 °C	>= 518 °F	Pensky Martens closed cup

Chemical Properties	Metric	English	Comments
Total Acid Number	0.20 - 0.50	0.20 - 0.50	[mg KOH/g]; DOWM 100387-TE95A

Descriptive Properties	Value	Comments
Hydroxyl Number mg KOH/g	31 - 36	ASTM D4274-94d

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