

Dow VORANOL™ CP 6001 Polyol

Category : Polymer , Thermoset

Material Notes:

VORANOL™ CP 6001 polyol is a triol polyether polyol, capped, specially developed for the production flexible HR molded polyurethane foam with TDI, TDI/PMDI or MDI. It can be used in the production of semi-rigid integral skin foams as well as in the production of cold cure molded foams and high resilience molded. Information provided by Dow

Order this product through the following link:

http://www.lookpolymers.com/polymer_Dow-VORANOL-CP-6001-Polyol.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.022 g/cc	1.022 g/cc	
pH	8.0 - 9.5	8.0 - 9.5	(1 Water / 10 Methanol); DOWM 101495-TE94A
Viscosity Measure	370 cSt	370 cSt	ASTM D445-94
	@Temperature 50.0 °C	@Temperature 122 °F	
	600 cSt	600 cSt	ASTM D445-94
	@Temperature 37.8 °C	@Temperature 100 °F	
	1060 - 1200 cSt	1060 - 1200 cSt	ASTM D445-94
	@Temperature 25.0 °C	@Temperature 77.0 °F	
Molecular Weight	6000 g/mol	6000 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	240 °C	464 °F	C.O.C. (open cup)

Chemical Properties	Metric	English	Comments
Total Acid Number	0.050	0.050	[mg KOH/g]; DOWM 100387-TE95A

Descriptive Properties	Value	Comments
Hydroxyl Number mg KOH/g	26 - 29	ASTM D4274-94d

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