

Dow VORANOL™ CP 4711 Polyol

Category : Polymer , Thermoset

Material Notes:

VORANOL™ CP 4711 polyol is a medium reactivity, capped triol, polyether polyol especially designed for the production of molded flexible foam. It is normally used in all TDI or TDI/MDI blend formulations. Information provided by Dow

Order this product through the following link:

http://www.lookpolymers.com/polymer_Dow-VORANOL-CP-4711-Polyol.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.021 g/cc	1.021 g/cc	
pH	6.0 - 8.0	6.0 - 8.0	(1 Water / 10 Methanol); DOWM 101495-TE94A
Viscosity Measure	435 cSt	435 cSt	ASTM D445-94
	@Temperature 37.8 °C	@Temperature 100 °F	
	790 - 870 cSt	790 - 870 cSt	ASTM D445-94
	@Temperature 25.0 °C	@Temperature 77.0 °F	
Molecular Weight	4700 g/mol	4700 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	32 - 37	ASTM D4274-94d

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