



VORASTAR HA 6138 Polyol
VORASTAR HB 6038 Isocyanate

Description

VORASTAR* HA 6138 Polyol / VORASTAR HB 6038 Isocyanate is a two component aromatic polyurethane elastomer for the use in filter applications. The product color is neutral.

Typical Component Properties

	Units	VORASTAR HA 6138 Polyol	VORASTAR HB 6038 Isocyanate	Test Method
Color		Opaque	Amber	Visual
Viscosity	cPs	1200-1400 (at 75°F) (24°C)	600-800 (at 75°F) (24°C)	ASTM D4878
Specific Gravity	g/cm ³	0.95	1.221	ASTM D1475

Recommended Process Conditions

Polyol component needs to be remixed before and during use

	Units	Limits
VORASTAR HA 6138 Polyol	pbw	1.00
VORASTAR HB 6038 Isocyanate	pbw	0.45
Component Temperatures	°C	25
Mold Temperature	°C	25-50
Mixing		Machine mix or static tube dispensing

Typical Reaction Characteristics

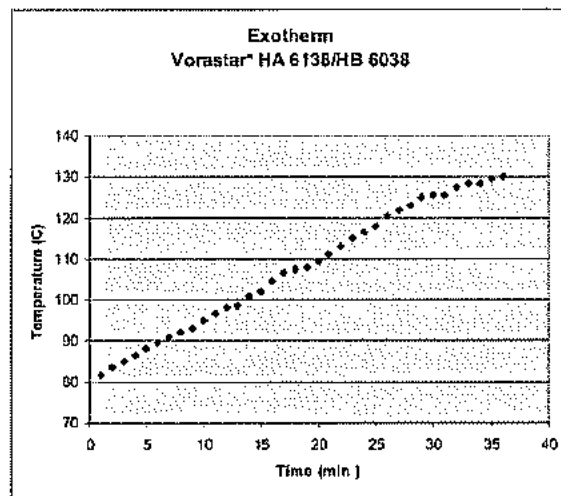
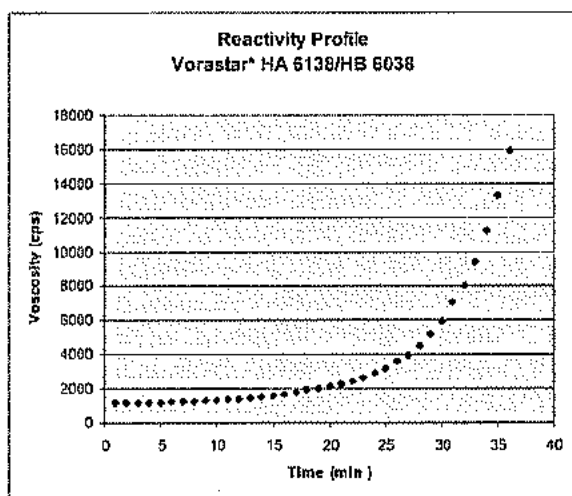
	Units	Value
Gel time	Minutes	30-40
Tack Free	Minutes	90
Demold time	Hours	4-6

Storage Conditions

Keep containers sealed tightly to eliminate any moisture contamination. Do not introduce water into the liquid components. Use desiccant drier cartridges or blanket with nitrogen when in use. Polyol side must be agitated before use and before inserting transfer pumps. Refer to MSDS for additional handling and disposal requirements.

	Units	VORASTAR HA 6138 Polyol	VORASTAR HB 6038 Isocyanate
Storage temperature	*F (°C)	59-77 (15-25)	65-77 (20-25)
Storage stability / Shelf life ⁽¹⁾	months	6	6

¹ Data referred to original sealed drums stored in a dry place at the recommended temperature



Typical Polymer Properties

	Units	Values	Test Method
Hardness	A	75	ASTM D2240
Density	g/cc	1.15	DIN 53479
Percent Solids	%	100 (0 g/l VOCs)	

Safety Considerations

Material Safety Data (MSD) sheets are available from The Dow Chemical Company. MSD sheets are provided to help customers satisfy their own handling, safety and disposal needs, and those that may be required by locally applicable health and safety regulations. MSD sheets are updated regularly, therefore, please request and review the most current MSD sheet before handling or using any product. These are available from the nearest Dow sales office.

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against DIN EN ISO 9001
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