



Technical Data Sheet

SPECFLEX™ NC 702 Polyol

Description

SPECFLEX™ NC 702 Polyol is an ultra-low emission, styrene acrylonitrile (SAN) based copolymer reactive polyether polyol. It is designed for use in the manufacture of high resiliency flexible molded, high comfort flexible and semi-flexible foams. It can be used to produce high-load bearing foams over a wide density range.

Benefits

SPECFLEX™ NC 702 Polyol offers enhanced load bearing properties in a wide range of polyurethane formulations, whilst enabling the manufacture of foams with very low odor and volatiles. It is particularly well adapted to the production of wide latitude hardness high resilience molded foams based on VORANATE™ T80 isocyanate.

Typical Component Properties

	Units	Values	Test Method
Hydroxyl Number, as KOH	mg/g	19.0 – 25.0	DOWM 101432
Water	wt%	0.07 Max	ASTM D4672
Solids (40°C)	wt%	39.0 – 42.0	DOWM 101688
Viscosity (Dynamic), 25°C	mPa.s	4000 - 5500	ISO 3219
Specific Gravity (25°C)		1.05	ASTM D4502

These are typical values and should not be construed as specifications.

Handling and Storage

	Units	Limits
Storage temperature	°C	24 - 41
Storage stability / Shelf life ⁽¹⁾	months	24

1. Stored in the original sealed drums in a dry place at the recommended temperature

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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.

Customer Notice

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Contact information:

For more information about this product please call The Dow Chemical Company.

North America: 1-800-447-4369
Latin America: (+55) 11-5184-8722
Europe: (+31) 11-567-2626
Asia/Pacific: (+60) 3-7965-5392
<http://www.dow.com/pusystems/index.htm>

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