



## Technical Data Sheet

### COPOLYMER POLYOL LHS-50

#### General Properties and Applications

LHS-50 is an inactive polymer polyol modified with a styrene-acrylonitrile (SAN) polymer with a solid content of approx 45% by weight. It effectively combines a high solid content with low viscosity. LHS-50 can also be used for the production of conventional slabstock foams with very high load bearing properties.

#### Sampling

Moisture access must be prevented when taking product samples.

#### Data

Property	Value	Unit of measurement	Method
Hydroxyl number	28.0-32.0	mg KOH/g	GB/T12008.3-2009
Moisture	≅ 0.08	% by wt.	GB/T22313-2008
Viscosity 25°C	3000-4000	mPa.s	GB/T12008.7-2010
Solid content	43-47	% by wt.	Q/0322SLH004-2019
Appearance	White to off-white	-----	Visual
Styrene	≤10	PPM	GB/T31062-2014

#### Handling Precautions

Flash point is above 200°C (open cup method), flammable but non-explosive. In case of fire, put out with foams, dry powder, steam or water.

When handling polyols, avoid exposure to eyes or prolong contact with the skin. If eye contact occurs, flush with plenty of water. If skin contact occurs, wash exposed areas thoroughly with soap and water.

#### Storage

Recommended storage temperature (°C):10-35

Shelf life (ex-works) 12 months if stored in sealed, moisture-tight containers.



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Partially used containers should be tightly resealed due to the hygroscopic nature of the product.  
Recommended temperature for processing (°C):20-25.