

Technical Insight of KURARAY LIQUID RUBBER

# Discussion on package handling

Elastomer R&D Department  
Elastomer Division

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# Agenda

Our silane-modified LBR; GS-L-BR is the latest development of KURARAY LIQUID RUBBER grades.

- 1) Stability test of GS-L-BR
- 2) Countermeasure for degradation

# Stability test of GS-L-BR

- Conditions

- Temperature: 60 °C
- Duration: 4 weeks
- Package: 1kg of GS-L-BR in LDPE pouch (Tm of LDPE = 110 °C)

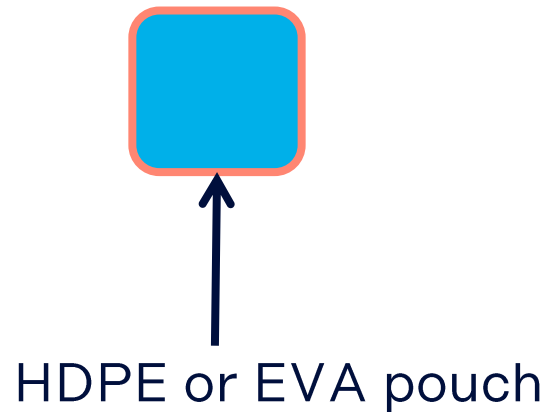
- Results

Grade Name [Development Code]	GS-L-BR-114 [SB-005]		GS-L-BR-188 [SB-006]	
Humidity	Ambient	85%RH	Ambient	85%RH
Viscosity	10% increased at least	10% increased at least	100% increased at least	No data due to gelation

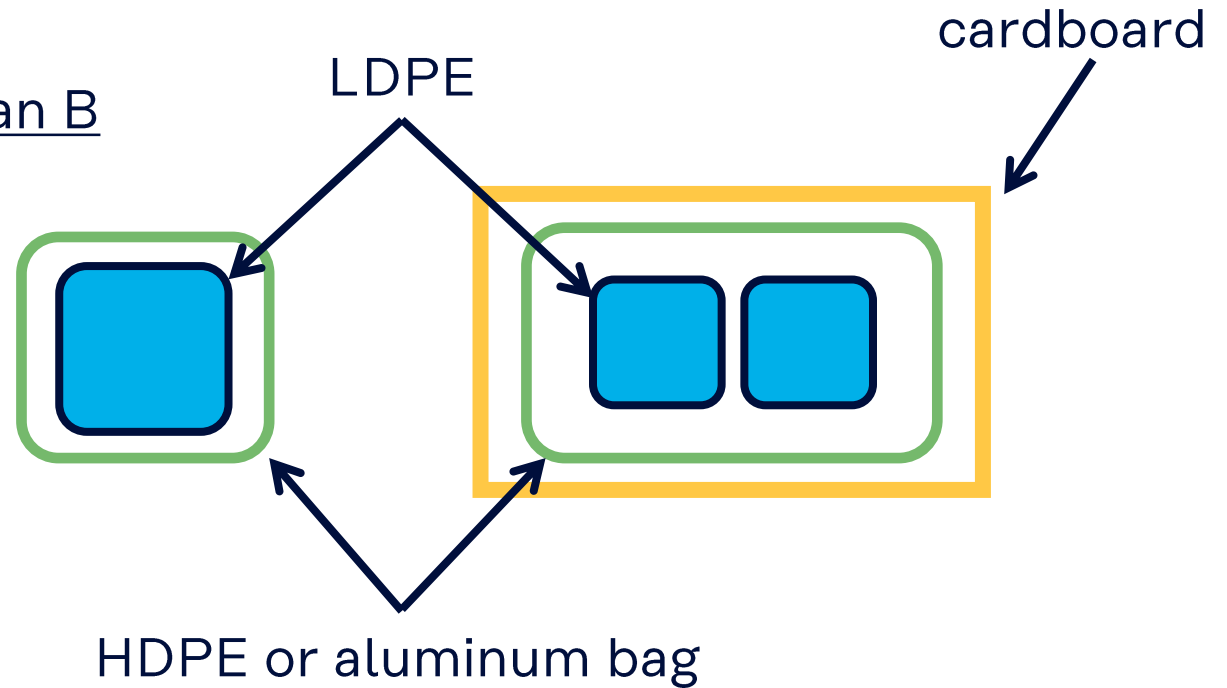
# Countermeasure for degradation

- Additional package is necessary to prevent moisture penetration.
  - Plan A Use of EVA or HDPE pouch
  - Plan B Use of HDPE or aluminum outer bag

Plan A



Plan B



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Precautions should be taken in handling and storage. Please refer to the appropriate Safety Data Sheet for further safety information. In using KURARAY LIQUID RUBBER, please confirm related laws and regulations, and examine its safety and suitability for the application.

For medical, health care and food contact applications, please contact your Kuraray representative for specific recommendations. Even so, users must conduct their own assessment, revisions, registrations as well rely in their own technical and legal judgment to establish the safety and efficacy of their compound and/or end product with KURARAY LIQUID RUBBER for any application. KURARAY LIQUID RUBBER should not be used in any devices or materials intended for implantation in the human body. Nothing contained herein constitutes a license to practice under any patent and it should not be construed as an inducement to infringe any patent and the user is advised to take appropriate steps to be sure that any proposed use of the product will not result in patent infringement.

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