

Disclaimer Re: Use of Material Beyond Shelf Life Period

9/20/2021 Revision

The shelf life date on SMC and BMC molding compounds reflects a limitation on the molding compound if the material crosslinks within the stated shelf life period, provided that it is maintained at or below 70 degrees F. The shelf life period is typically 30 or 60 days from the date of manufacture, depending on the product color.

LyondellBasell does not guarantee any products that have been shipped or stored at temperatures above 70 F. We may require documentation of proper shipping and storage temperatures in the event of claims during hot weather conditions. Customers should be wary that non-refrigerated trailers can build extreme heat when stationary under the hot sun even under mild temperatures while understanding that thermoset compounds are heat sensitive and exposure to elevated temperatures may adversely affect performance of the molding compound.

Some customers do choose to use the material beyond the stated shelf life; any such use is at the sole risk of the user. The shelf life is a contractual limit on our obligations; the product may remain moldable well after the stated shelf life, particularly if stored well below the 70 degree F limit. Material stored at cool temperatures should be allowed to equilibrate to room temperature in the sealed package prior to molding. Temperatures of 40-65 degrees F are recommended.

The optimal molding window (minimum and maximum age for best molding and end performance) is unique for each material and should be established based on actual validation of moldability and part performance. Although the mechanical strength (and electrical and flame properties) of the matrix does not typically change upon expiration of the warranty, it is advisable to benchmark part strength since flow differences due to age can influence part performance.