

## **Material Testing Checklist**

- Is the duration of the aging test sufficient to allow realistic estimates of lifetime at lower temperatures?
- Are the selected aging conditions relevant to the application?
- Can additional data at other temperatures provide an improved understanding and estimate of polymer lifetime?
- Are the most appropriate and relevant properties being used to predict lifetime?
- Is there data regarding other gas/fluid concentrations and pressures to add confidence to the conclusions drawn from the aging experiments?
- Are you aware of additional analytical tests that may augment mechanical property data to reveal more accurate details of the chemical degradation process?



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