



**SP-EF1010**

## Technical Data Sheet

Issue Date: 7-2-2026

# Flame Retardant Epoxy Polymer

SP-EF1010 is a difunctional polymer that can be formulated into epoxy systems to add flame retardancy without significantly reducing the strength and stiffness of the thermoset. Unlike typical inorganic flame retardants, SP-EF1010 will cure to become part of the crosslinked network. And unlike typical inorganic flame retardants, it will not significantly reduce adhesion.

|                         |                 |
|-------------------------|-----------------|
| Specific Physical Form: | Solid           |
| Color:                  | Yellow to Brown |
| Shelf Life:             | 1 Year          |

### **Typical Properties:**

|                                           |                               |
|-------------------------------------------|-------------------------------|
| Melt Flow Index 266°F (130°C) and 2.16 kg | 40 - 45 g/10 min.             |
| Ring and Ball Softening Point:            | 212°F - 226°F (100°C - 108°C) |
| Epoxy Equivalent Weight:                  | 1500 - 1750 g/eq.             |
| Phosphorus Content:                       | 7.5 %                         |

### **Disclaimer:**

The information provided above is believed to be accurate and represents the best information available at the time. Persons using the information must make their own determinations and assessments as to the suitability of the relevant information for their purposes. Springfield Industries assumes no liability arising out of the use of or reliance on this information, or out of the use or the performance of the product.

Springfield Industries, LLC | 609 Folk Court, Imlay City, MI | 48444, USA

Phone: (810) 721-2800 | Fax: (810) 721-2805 | Email: [customerservice@springfieldind.com](mailto:customerservice@springfieldind.com)

[www.springfieldind.com](http://www.springfieldind.com)