

Milliken®
RESIST™ XTR

Extreme performance colorants for advanced engineering polymers

A high chromatic orange designed specifically to meet the extreme colorants performance required for demanding applications.

RESIST™ XTR colorants are designed to excel in the most challenging end-use conditions. This can include extreme weather, as well as very high heat and voltage requirements. Advanced engineering polymers formulated for such applications traditionally have been difficult to color. RESIST XTR colorants overcome these challenges by delivering bright, stable colors that demonstrate outstanding lightfastness and heat-aging properties.

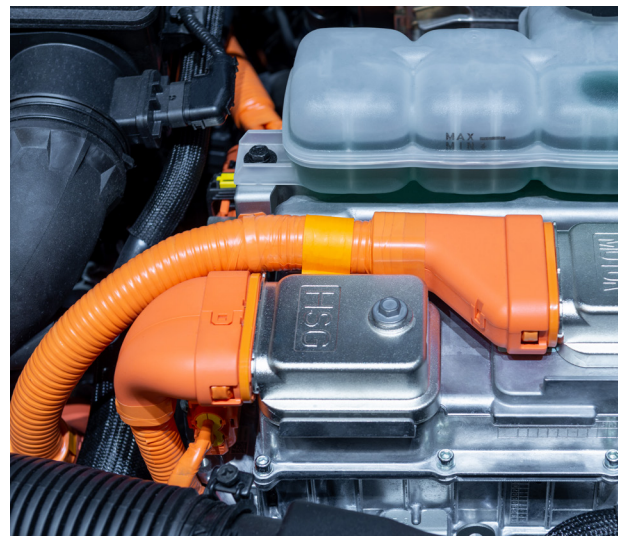
RESIST XTR 9798™ is a high chromatic orange designed specifically to meet the extreme colorants performance required for demanding applications such as high-voltage battery connectors in electric vehicles (EVs). Color-coding is important for clearly identifying such parts from a safety perspective.

Customers can formulate the desired RAL 2003 shade using RESIST XTR Orange 9798 with multiple high-performance polymers, including:

- Polyamide 6
- Polyamide 66
- Polyamide 46
- Polybutylene terephthalate (PBT)
- Polyphthalamide (PPA)
- Polysulfone (PSU)

Features/advantages include:

- Thermal stability up to 300°C or more
- Improved lightfastness and weather resistance under UV exposure
- Brilliant colors to hit chroma color targets
- Maintains key electrical properties of the polymer
- Excellent performance/compatibility with other additives and fillers such as glass fibers, glass beads, halogen-based and halogen-free flame retardants, and short- and long-term heat stabilizers.



RESIST XTR 9798 meets the color and performance requirements of both short- and long-term thermal stability tests such as 1,000 hours at 120°C, and delivers a consistent, stable chromatic orange color in ETPs at lower loadings.

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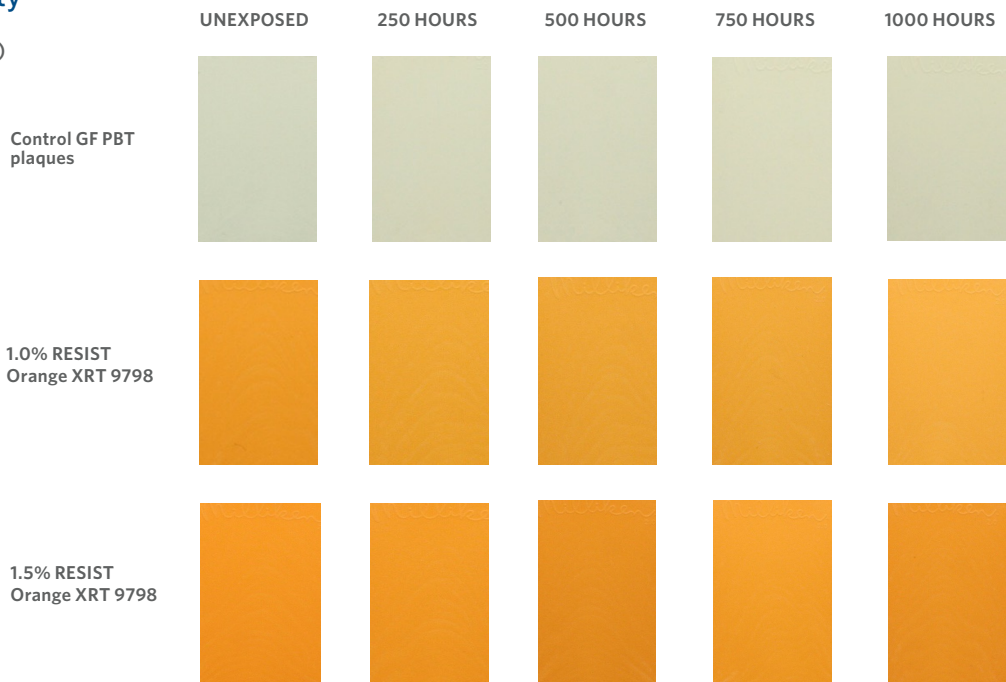


RESIST XTR 9798 shows good lightfastness under UV exposure



RESIST XTR 9798 shows excellent heat stability

Heat Aging Testing (120°C)
PBT 30% glass-filled



Please contact your Milliken representative for further product information including chemical registrations, food contact status, and other regulatory details.

PLEASE NOTE: As each customer's use of our product may be different, information we provide, including without limitation, recommendations, test results, samples, care/labeling/processing instructions or marketing advice, is provided in good faith but without warranty and without accepting any responsibility/liability. Each customer must test and be responsible for its own specific use, further processing, labeling, marketing, etc. All sales are exclusively subject to our standard terms of sale posted at www.milliken.com/terms (all additional/different terms are rejected) unless explicitly agreed otherwise in a signed writing.

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