



EVERFLON+™

PFA Color Concentrates & Precolored Compounds

Precision, now in color.

High-performance PFA color solutions engineered for heat, chemistry and control.

Everflon+™ PFA Color Concentrates and Precolored Compounds bring controlled pigmentation into demanding PFA applications — combining color development with the polymer compatibility, processing stability and application awareness required by high-performance fluoropolymers.



01 | Choose where color enters the process.

Blend it in. Or build it in.

There is more than one way to introduce color into PFA.

The right choice depends on how the production line is designed.

Everflon+™ offers two material approaches.

PFA Color Concentrates

A concentrated PFA-based color system designed to be combined with a compatible natural PFA resin during processing.

It gives manufacturers greater flexibility to manage:

Color programs

Let-down ratios

Natural resin inventory

Production changes

Multiple product colors

PFA Precolored Compounds

A fully compounded PFA material with the selected color already integrated into the resin.

No separate color-concentrate dosing step is required at the production line.

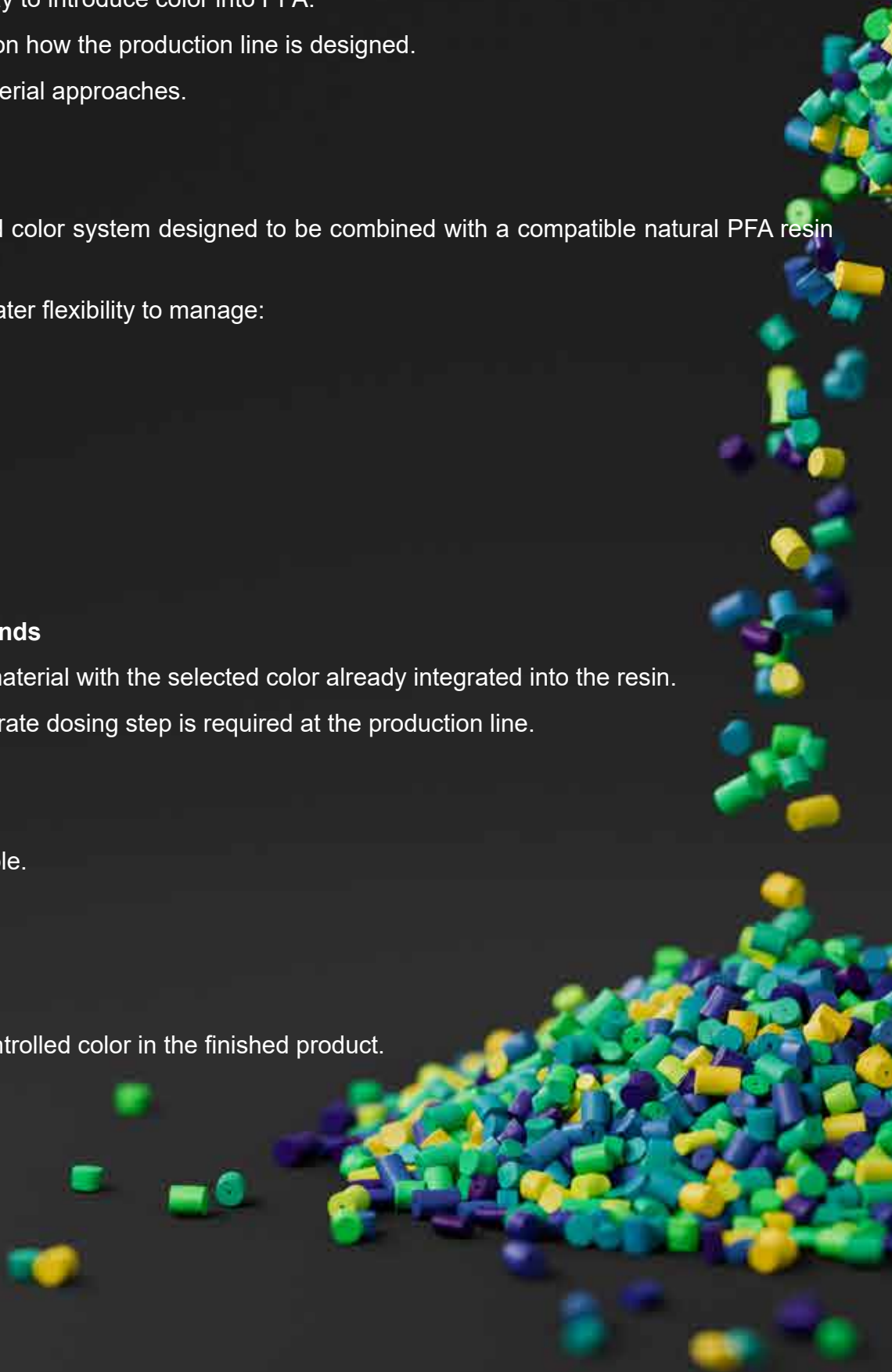
One material.

One formulation.

One less production variable.

Different routes.

The same expectation: controlled color in the finished product.



02 | Concentrated by design.

A PFA-based color platform built for controlled dilution and reliable processing.

Color concentrate gives manufacturers freedom.

But freedom without control can create variation.

Everflon+™ PFA Color Concentrates are developed around the relationship between three materials:

The pigment.

The carrier.

The final PFA resin.

Selected pigments are incorporated into a compatible PFA carrier to create a concentrated material that can be blended into natural PFA at an appropriate addition level.

The formulation can be developed around factors including:

Base PFA grade

Melt-flow characteristics

Processing technology

Target color

Required opacity

Finished wall thickness

Application conditions

High concentration is only the beginning.

The real objective is a concentrate that becomes part of the PFA melt predictably.

Good color should disperse.

Flow.

Integrate.

Then disappear into the polymer system.

Leaving only the intended shade behind.



03 | Ready means ready.

One PFA compound. One defined color. Fewer decisions on the line.

Some production environments benefit from flexibility.

Others benefit from eliminating variables.

Everflon+™ PFA Precolored Compounds are developed with the target color already incorporated into the PFA material.

The pigment system is introduced during controlled compounding before the material reaches customer production.

That means less reliance on:

Separate masterbatch dosing

Manual mixing

Operator-controlled ratios

On-line color adjustment

Additional blending steps

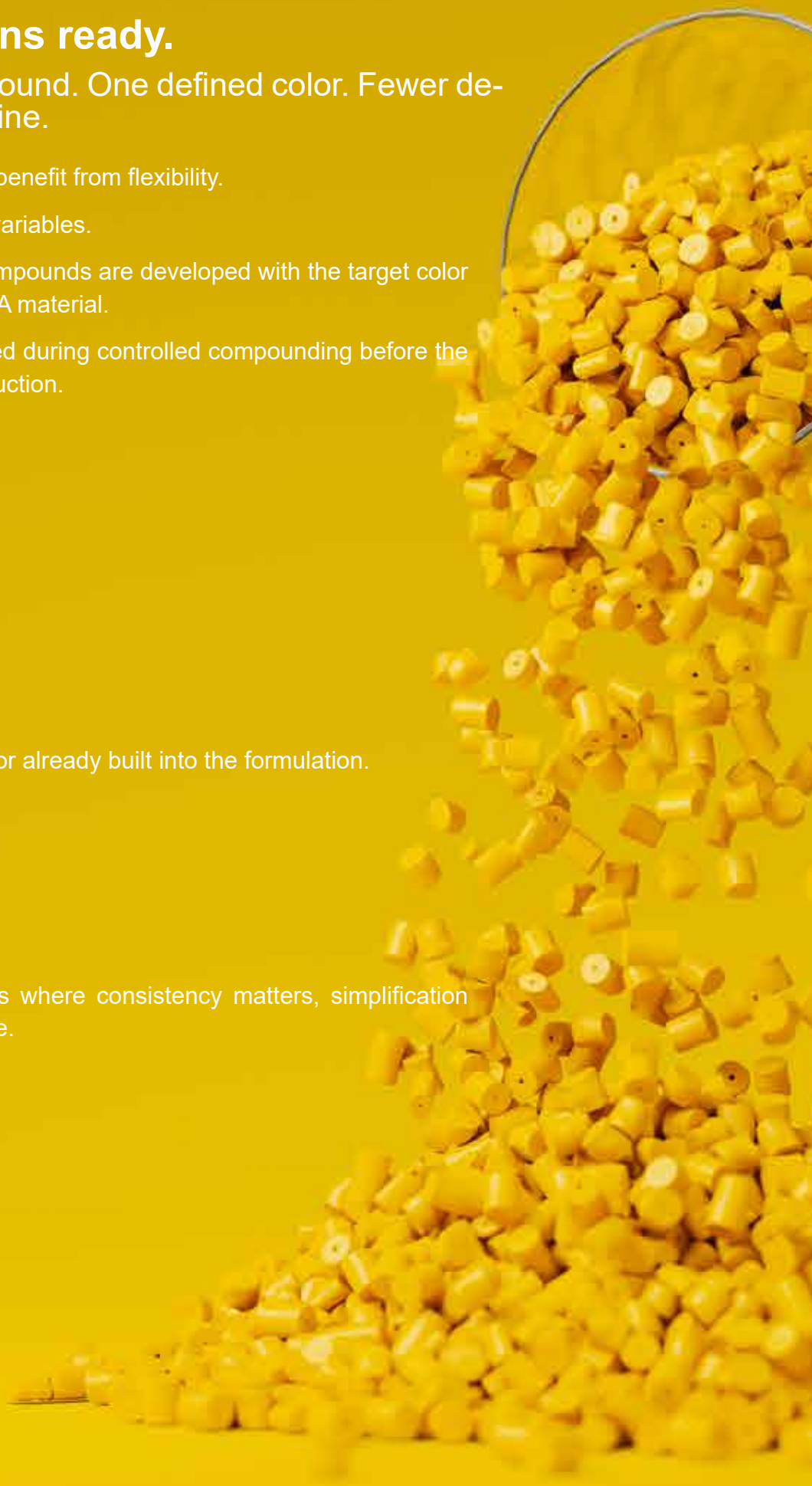
The material arrives with the color already built into the formulation.

Load it.

Process it.

Repeat it.

For manufacturing environments where consistency matters, simplification can be a performance advantage.



04 | Match the part, not just the pellet.

Because the final product is where color becomes real.

A pellet can look perfect.

The finished product may tell a different story.

In PFA applications, apparent color can change with:

Wall thickness

Surface finish

Light transmission

Resin characteristics

Pigment concentration

Processing conditions

Final geometry

A translucent tube and an opaque molded fitting may use the same color family but require very different formulation decisions.

Everflon+™ color development therefore starts with a target — but it does not stop there.

The target may come from:

Pantone

RAL

A physical sample

An existing production part

A customer specification

A proprietary brand color

Then comes the more important question:

What should that color look like in the actual PFA product?

That is the standard that matters.

05 | Compatibility is part of the formula.

The carrier, the resin and the melt should work as one.

PFA color development begins with chemistry.

But it succeeds in the melt.

Different PFA grades may have different melt-flow characteristics, molecular structures and processing targets.

That makes carrier selection important.

A color concentrate should not behave like an unrelated additive entering the system.

It should integrate with the PFA resin as naturally as possible.

Everflon+™ can develop PFA color formulations around:

Resin Grade

The natural PFA resin used in production.

Melt Flow

Matching color concentrate behavior to the intended processing profile.

Processing Temperature

Selecting pigment systems suitable for demanding fluoropolymer processing.

Rheology

Supporting stable flow in extrusion or molding.

Geometry

Considering thin-wall, small-diameter or complex molded products.

End-Use Environment

Heat, chemicals, electrical conditions and other application requirements.



**The best color system works with the polymer.
Never against it.**

06 | Give every color a function.

Identification, differentiation and control across demanding PFA applications.

Color becomes most valuable when it communicates.

A blue line can identify one fluid route.

A red wire can separate one circuit from another.

A custom shade can distinguish one component or product family.

A consistent visual system can make complex equipment easier to understand.

Everflon+™ PFA color solutions can be developed for applications including:

Wire & Cable

Color-coded PFA insulation for high-temperature and demanding electrical environments.

Tubing

Visual identification for chemical, laboratory, analytical and industrial fluid-handling systems.

Film & Sheet

Controlled coloration across thin PFA structures.

Precision Extrusion

Color systems designed with thin-wall and small-diameter products in mind.

Molded Components

Fittings, connectors, housings and precision PFA parts.

Chemical Processing

Colored components for applications where chemical resistance remains fundamental.

Industrial Systems

Visual coding and differentiation in high-performance equipment.





Your PFA already has a purpose.

Now define how it should look.

- Explore the future: www.everflon.com www.everflonultra.com
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