

Introducing **IFS Puroplaz®**

Thermoplastic Powder Coatings that deliver outstanding performance



IFS Puroplaz®

Puroplaz®, the world class thermoplastic powder coatings from IFS Coatings, have been formulated to deliver a tough, functional and protective film for a wide range of applications. The **IFS Puroplaz®** product family includes **Puroplaz® PE**, a polyethylene based powder that delivers incredible adhesion and flexibility, and **Puroplaz® PA**, a nylon based coating that is tough yet extremely smooth.

IFS Puroplaz® thermoplastic powder coatings have been carefully formulated to be suited to all application methods, including electrostatic spray and fluidized bed, and deliver outstanding mechanical, chemical and weathering performance, even in desert sand, marine and coastal applications.

Choose **IFS Puroplaz®** thermoplastic powders for:

- Excellent weathering capability
- Excellent corrosion protection
- Excellent mechanical properties including world class chip and impact resistance
- Wide range of colors
- Flexible batch sizes
- Unparalleled service

Putting the customer first - unparalleled service and product

Puroplaz® thermoplastic powders are available in a wide range of standard and specialty colors, which are compounded rather than dry blended. We understand flexibility is key, in both your thermoplastic powder product and your business, so every **Puroplaz®** product is available in industry leading batch sizes from small to large. In addition these hard working powders have been formulated and manufactured to deliver first class spray ability and transfer efficiency. Manufactured by an American company, **Puroplaz®** powder coatings benefit from the unparalleled service that is at the heart of the IFS Coatings mission.

Puroplaz® performance

The technical performance of both **IFS Puroplaz® PE** and **Puroplaz® PA** is truly outstanding, providing incredible corrosion protection with salt spray resistance beyond all conventional coatings and excellent chemical resistance. **Puroplaz®** coatings are extremely chip resistant – the coating does not chip off and continues to provide protection to the coated part even after it is damaged. **Puroplaz®** powders have also been created to deliver exceptional UV and weathering resistance with over 15 years minimal fade and chalk protection and cold weather performance to -70C. In addition both **IFS Puroplaz® PE** and **Puroplaz® PA** will add further functionality to the coated part reducing noise and vibration, adding graffiti resistance and will not support mold growth.



Testing

IFS Puroplaz® has been - and continues to be - put through rigorous performance testing. This includes ASTM standard tests such as ASTM B117 (going well beyond 10,000 hours salt spray) and ASTM G26 Xenon Arc (far surpassing architectural requirements), to application specific tests including ASTM F1043-08 and ASTM F668-07 for fencing and ANSI/NSF 61 cathodic protection.

For a complete list of **IFS Puroplaz®** testing, please visit ifscoatings.com.

Puroplaz® PE

IFS Puroplaz® PE is an extremely tough and pliable polyethylene thermoplastic powder coating that offers excellent adhesion *without* a primer. As well as all of the above attributes, **Puroplaz® PE** will deliver incredible flexibility and extremely high impact resistance as well as tough film that seems soft to the touch.

Puroplaz® PA

Puroplaz® PA is a nylon based thermoplastic powder coating that, as well as the standard **Puroplaz®** chemical, mechanical and weathering attributes, also offers very high abrasion resistance, good impact resistance and a very low coefficient of friction.

Applications

Both **Puroplaz® PE** and **Puroplaz® PA** can be used in a wide range of industries and applications. The tough, hardworking and resistant film is perfect for applications such as outdoor furniture and site amenities, fencing and handrails, wiregoods, automotive parts such as running boards, clips and harnesses, water pipe and fittings, oil pipe and fittings, medical equipment, boats and ships, battery boxes and electrical trays. **Puroplaz® PA** is also perfect for dishwasher baskets.

The environmentally responsible choice

Our commitment to deliver the environmentally responsible choice remains unwavering, and you can rest assured the **IFS Puroplaz®** product line is BPA, phthalate and halogen free and contains no chlorine components, plasticizers, or heavy metals and is California Proposition 65 compliant.

In addition, **IFS Puroplaz®** does not contain solvents, VOCs or toxic compounds, can be reclaimed, reused or recycled and the single coat applications save product, time and energy. No hazardous waste is created in either manufacture or application so also results in easy non-hazardous disposal requirements.

Puroplaz® Color Choice

Choose from 9 standard **Puroplaz®** colors and the ability to color match or create a custom color. See the **Puroplaz®** color card for more information.





For more information on **IFS Puroplaz®**,
talk to your local IFS rep or call **866.437.2864**
www.ifscoatings.com

Pictures are representative only.

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