

## ENVIROCRON<sup>®</sup> powder coatings: featured technologies and properties

PPG offers *Envirocron* powder coatings that cover four major technologies, each with distinct strengths and different uses. The charts below highlight the characteristics of each technology and show an average performance rating that can be expected of the various resin systems. Ask your sales representative for additional assistance with the powder coating selection process.

### Envirocron Powder Coating Technologies

<b>Epoxy</b>	Interior grade. Offering excellent chemical and mechanical properties, epoxies are the ideal technology when seeking outstanding corrosion protection.
<b>Polyester/Epoxy Hybrid</b>	Interior grade. A blend of epoxy and polyester resins, hybrids offer improved penetration into corners and recessed areas with less sensitivity to over-bake.
<b>Polyester</b>	Exterior grade. Polyesters present outstanding physical properties that enable them to withstand prolonged periods of outdoor exposure.
<b>Polyester Urethane</b>	Exterior grade. Polyester urethanes combine superior chip, mar and scuff resistance with outstanding thin-film properties and excellent weatherability.

	Epoxy	Polyester / Epoxy Hybrid	Polyester	Polyester Urethane
<b>Weatherability</b>	★	★	★★★★★	★★★★★
<b>Corrosion Resistance</b>	★★★★★	★★★★	★★★★	★★★★
<b>Chemical Resistance</b>	★★★★★	★★★	★★★★	★★★
<b>Heat Resistance</b>	★★★★	★★★★	★★★★	★★★★
<b>Impact Resistance</b>	★★★★★	★★★★★	★★★★★	★★★
<b>Hardness</b>	★★★★★	★★★★	★★★★	★★★
<b>Flexibility</b>	★★★★★	★★★★★	★★★★★	★★★
<b>Adhesion</b>	★★★★★	★★★★★	★★★★★	★★★★

The performance properties of the powder coating may vary based on actual product formulations, application characteristics and operating conditions. PPG offers no implied warranty with respect to the above chart.

The technical data presented in this document is based upon information believed by PPG to be currently accurate. However, no guarantees of accuracy, comprehensiveness or performance are given or implied. Continuous improvements in coatings technology may cause future technical data to vary from what is in this document. Contact your PPG representative for the most up-to-date information.

The PPG Logo is a registered trademark and *Envirocron* and *We protect and beautify the world* are trademarks of PPG Industries Ohio, Inc. ©2019 PPG Industries, Inc. All rights reserved. 05/19