

ICORENE® Powders for Wire Coating

Premium Quality Modified Polyethylene based powders designed for use in wire coating using Fluidised Bed Technique



ICORENE® has excellent fluidisation characteristics. Typical applications are white fridge shelves and freezer baskets.

What is Plastic Wire Coating?

Plastic coating is the process of applying a thermo-plastic powder to the surface of a hot preheated item to provide long term protection, impact and chemical resistance whilst still offering an attractive decorative finish. As a result, ICORENE® wire coating powders will encapsulate the items with a 250 to 500 microns coating

Fluid Bed powder coating:

Metal parts are preheated in an oven at 280-350°C and dipped into a fluidised bed for a few seconds. Powder will then melt in contact with hot metal forming a smooth thin coating. ICORENE® are manufactured from prime virgin resins, additives and pigments using state of the art and ISO registered processing facilities.

Why ICO Polymers?

ICO Polymers is the Speciality Powder Division of A. Schulman Inc, the leading international supplier of high-performance plastic compounds and resins. ICO provides innovation in size reduction services focussing on polymer processing.

ICORENE® Consistent fluidisation equals consistent coating quality

To be sure that your fluid bed coated parts always show an even coating thickness, smooth surface, good weld and edge coverage, powder must have excellent powder flow properties, consistent bulk density, being manufactured to tight compounding and grinding tolerances.

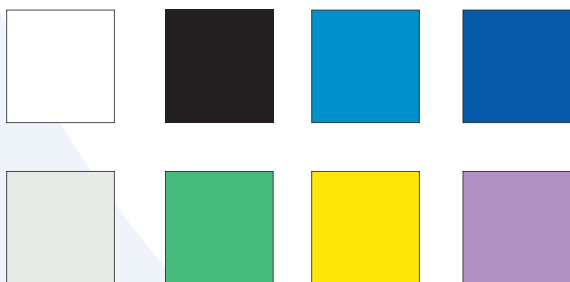
Develop your application with us

ICORENE® fluid bed powders are designed for wire and tube coatings, indoor and short term outdoor use. For applications where higher level of adhesion, longer term outdoor weathering or higher chemical resistance are required, please contact your local sales representative and ask for our new Cotene® range of materials.

ICORENE® Wire Coating Powders Range

Name	Polymer	Powder size range	Density	Feature
N7020	PE	0-300	0.92	Coloured PE fluidised bed coating powder.
N7130	Modified PE	0-300	0.92	Higher toughness and chemical resistance. Lower energy & powder pick up.

* ISO1133 190C, 2.16kg



Typical selection of ICORENE® colours with excellent gloss

Our most popular grade is ICORENE® White 1012. ICORENE® White 1012 offers some advantages over standard materials such as lower powder pick up, fast melting and reduced oven time.

We carry stock of our most popular colours. Please contact our sales people in Europe for more information

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