

DEGALAN® VP 1034 F for Alcohol-Resistant Plastics Coatings

Evonik launches a new product on the market – DEGALAN® VP 1034 F.

There are many reasons for coating plastic parts, ranging from functional to decorative. Along with a higher quality coating, one can count on enhanced product properties of consumer goods, which always supports the sales success of the manufacturer.

Plastic surfaces of many everyday items such as kitchen appliances, mobile phones, TV sets, DVD players or toys are exposed to a variety of influences, including aggressive cleaning agents, hand perspiration and mechanical stress.

Another point worth mentioning is the decorative appearance of the finished items. Plastic components are usually made from very dark molding compounds, often using recycled material. The flow lines produced during extrusion can be easily covered by such coatings.

Conventional cleaning agents contain a high proportion of alcohol and may cause stress cracking in uncoated plastics. This is where the special property of DEGALAN® VP 1034 F comes in.

Coating films containing this binder show outstanding resistance to conventional household cleaning agents, and provide the alcohol resistance required for plastic coatings. Further benefits are the binder's good pigment wetting properties, which make it possible to formulate high gloss coatings. As can be expected from products based on acrylic resins, DEGALAN® VP 1034 F ensures that the applied coatings have outstanding resistance to weathering and UV resistance.

DEGALAN® VP 1034 F can be employed in metallised coatings as well for gravure printing inks applied to plastic substrates.

Technical Contact

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