

Hybrid Coatings for Highest Standards



Particularly in the automotive sector, the standards keep rising when it comes to optical appearance, quality, and individualization options. Mara[®] Cure HY Hybrid Coatings are up to this task thanks to the combined benefits of solvent-based and UV-curable coatings: **Flexibility and resistance!**

Especially in the IMD (In-mould Decoration) or FIM (Film Insert Moulding) technology there is a process-related need for high temperature resistance and flexibility during moulding, while the finished product must feature highest mechanical and chemical resistance.

Mara[®] Cure HY is a flexible, abrasion and chemical resistant Dual-Cure screen print varnish which can be used as surface protection or as a so-called "Hard Coat" for films made of PC, PMMA, or ABS which are susceptible to abrasion.

Applications

As a modern and economical alternative to film coating, Mara[®] Cure HY is suited for all IMD process steps on substrates commonly used in the automotive sector like polycarbonate (PC), PMMA, and ABS.

Characteristics	Mara [®] Cure HY
High flexibility	✓
Very good adhesion	✓
High resistances	✓
Silicone-free (HY 911)	✓

For further information please refer to the Technical Data Sheet on www.marabu-inks.com

Your Benefits:

During the IMD-/FIM process

- High flexibility of the varnish guarantees best mouldability
- High temperature resistance
- Economical, efficient alternative to film coating!

After the manufacturing

- Excellent chemical resistance, e. g. sunscreen resistance conforming to GMW 14445
- Outstanding mechanical resistance, e. g. according to Oesterle DBL 9202
- Very good adhesion and scratch resistance

Versatile use

- Protective coatings or eye-catching effects: Use the glossy varnish for glossy effects on matt surfaces, or vice versa, create matt effects on glossy surfaces with the satin transparent varnish
- Different degrees of gloss possible

In the event of any queries, please contact:

Technical Hotline

Phone: +49 7141 691 140, technical.hotline@marabu.de