

HIGH QUALITY PVC FINISHES

DISCOVER THE DEGALAN® M SERIES – DESIGNED ACRYLIC POLYMERS FOR ENHANCED PVC TOP COATS WITH OUTSTANDING PLASTICIZER BARRIER EFFECT FOR TRUCK TARPAILINS, TENTS, TABLECLOTHS, SHOWER CURTAINS AND MANY MORE APPLICATIONS.

FEATURES

- High MMA content provides plasticizer barrier
- Good compatibility to vinyl resins and DEGALAN® resins
- High level of transparency
- Weather-resistant for many years

ADVANTAGES

- Enhanced adhesion to flexible PVC films
- Low blocking tendency
- High degree of plasticizer barrier effect
- Adjustable in flexibility and gloss

BENEFITS

- Fast drying in high speed printing
- Highly durable PVC foils
- No tackiness – no dirt pickup
- High resistance to stress whitening

Technical Properties

PRODUCT	MW [g/mol]	TG [°C]	DYNAMIC VISCOSITY [mPa·s]	TAPE TEST [%]	TAPE TEST [%]	SCUFF TEST	BEND TEST	PLASTICIZER MIGRATION
COMMENT			Rheostress Haake	testing at room temperature/delamination	testing at 50°C/delamination	0 = no cracks 5 = many cracks	stress whitening	3min at 140°C/ 0 = no tackiness/ 5 = high tackiness
Reference pure BMA polymer	180.000	48	40	70	0	5	yes	5
Reference MMA/BMA polymer	60.000	63	40	10	5	5	yes	5
DEGALAN® M 820	800.000	91	270	40	0	2	no	1
DEGALAN® M 920/Vinylresin	300.000	122	310	0	0	1	no	1
DEGALAN® M 920/M 345/Vinylresin	n.a.	n.a.	40	0	0	0	no	1

SUITABLE PRODUCTS

DEGALAN® M 920

as main binder

DEGALAN® M 345

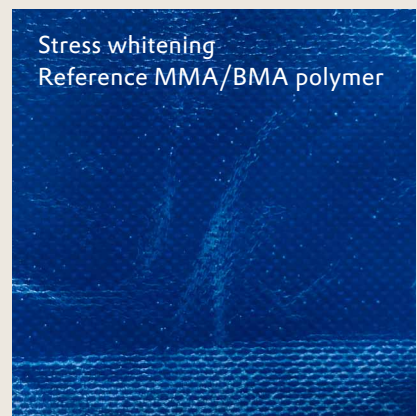
to achieve and adjust viscosity

DEGALAN® M 820

as fast dissolving one-binder solution with high flexibility

DEGALAN® M 726

as Anti Blocking Additive to ensure easy decoiling



Various starting formulations available on request.

EVONIK RESOURCE EFFICIENCY GMBH
Kirschenallee
64293 Darmstadt
Germany

Europe and North/Central America
Oliver Marx
E-Mail: oliver.marx@evonik.com

**South America, Middle East, Africa, India
and Asia-Pacific**
Dr. Jürgen Ott
E-Mail: juergen.ott@evonik.com

Greater China
QunXing Yang
E-Mail: qunxing.yang@evonik.com

www.degalan.com
degalan@evonik.com

DEGALAN® is a registered trademark of
Evonik Rohm GmbH, Darmstadt, Germany

This information and all further technical advice is based on our present knowledge and experience. However, it implies no liability or other legal responsibility on our part, including with regard to existing third party intellectual property rights, especially patent rights. In particular, no warranty, whether express or implied, or guarantee of product properties in the legal sense is intended or implied. We reserve the right to make any changes according to technological progress or further developments. The customer is not released from the obligation to conduct careful inspection and testing of incoming goods. Performance of the product described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of a customer. Reference to trade names used by other companies is neither a recommendation, nor does it imply that similar products could not be used.

® = Registered trademark of Evonik or affiliates

11/2018/HSP