TECHNICAL DATA SHEET

HYDRODHERE® EP 100

HYDROGENATED GUM ROSIN MODIFIED WITH PENTAERYTHRITOL.

HYDRODHERE® EP 100 IS IDEAL FOR USE IN HOT-MELT ADHESIVES, PSA, TAPES, LABELS, AND INDUSTRIAL SEALANTS. IT OFFERS HIGH ADHESION, FAST AND STRONG BOND, FLEXIBILITY, FAST DRYING, AND HIGH GLOSS. IT HAS EXCELLENT HEAT AND OXIDATION RESISTANCE.

PROPERTIES

Analysis	UN	Specification	Typical Values	Method
COLOR GARDNER	-	Max. 9	7	ML SCDV 006
ACID NUMBER	mg KOH/g	Max. 20	10	ML SCDV 001
SOFTENING POINT	°C	95- 110	98	ML SCDV 002

COMPATIBILITY

COMPATIBLE WITH ALIPHATIC, AROMATIC SOLVENTS, ESTERS, KETONES. INSOLUBLE IN ALCOHOLS. COMPATIBLE WITH SBR, SBS, SIS EVA AND METALLOCENES.

PACKAGING

Type	Size	Shelf life
KRAFT PAPER BAG (FLAKES)	25 kg	12 months

REGULAMENTATION

FDA 175.105 / FDA 175.300 / EUROPEAN REGULATION (EU) NO. 10/2011

DISCLAIMER

To prevent accidents and environmental impacts, please check the product's MSDS Data Sheet. We ask our customers to test our products before using them on an industrial scale. Due to thermoplastic behavior, resins in pellets and flakes can fuse, block, or agglomerate. This can be accelerated under any of the following conditions: 1) Temperature above 25°C; 2) Extended storage; 3) Pressure, e.g., pallet stacking, or a combination of these conditions. This is especially applicable for grades of resins with a low softening point. To maintain the flake or tablet shape, we therefore recommend storing the material in a temperature-controlled area; Use caution when stacking material or applying pressure, and avoid prolonged storage. It should be noted that agglomeration does not have a negative impact on product specifications. Due to the nature of the product, complaints related to agglomeration cannot be accepted. Resins are susceptible to gradual oxidation, some more than others. This may result in darkening and/or may have an adverse effect on the resin's solubility in organic solvents or its compatibility with polymers. Thus, it is recommended that strict inventory control be observed at all times, taking care that the oldest material is used first. The user of our products assumes responsibility for determining their suitability for a particular application or formulation or determining that the products or their use do not infringe any intellectual property. We assume no responsibility or warranty, express or implied, resulting from handling, use and storage, whether carried out in accordance with the instructions contained herein, whether used alone or in combination with other products. The purchaser assumes all responsibility and liability for loss or damage arising from the handling and use of our products, whether alone or in combination with other products.

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