Technical data sheat Nano HS-PET4070

Nano HS-PET4070 is an general purpose Heat sealing lacquer for sealing Aluminium foil to PET .

Typical Propertie:

State and color:	Milky liquid
Solid content:	29 ± 2 wt.% (120°C / 1h)
Dynamic viscosity:	50 - 80 s (Din4 Ford cup / 25°C)
Specific weight:	0,97 ± 0,03 g / ml (pycnometer / 25°C)
Solvent :	ethyl acetate/ methyl ethyl ketone

It has resistance at sub-zero temperatures.

APPLICATION :

Nano HS-PET4070 is an Organic dispersion for heat seal lacquers for sealing aluminium films versus Disposable PET Containers**.**
Lacquer is not suitable for packaging of products with content of fat more than 35%. Chlorine free.
Heat sealing lacquer Nano HS-PET4070 after dilution with solvent or pure can be using the gravure system and also in one or more stages to cover aluminum foil and polymer films with amount for coating of 3 to 6 grams per square meter according to the need for Achieve proper sewing.

Instruction for use:

Applicable for sealing of:	PET
Amount for coating:	3 - 6 g/m2 of dry film
Printing technology:	semiflexo or gravure printing
Viscosity for application:	15 – 30 s (Din4 Ford cup / 20°C)
Thinning and cleaning:	ethylacetate
Dilutability:	Nano HS-PET4070 is dilutable with esters and ketones.
Mixing:	lacquer has to be mixed well before every application and must be keep homogenous during the work.

Drying conditions:	150 - 190ºC.The ratio between the velocity of the machine / temperature is set according to arrange of factors (such as quantity of the lacquer applied, temperature-time curve of drying zones, concentration of vapours, . streaming speed, air humidity etc.) For this reason we recommend testing and measuring of the content of the residual solvents.
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Shelf life and warranty:	6 months – storage directions to be followed

General Remarks :

Storage : keep for 6 months storage after delivery date of stored tightly Closed in 5-35 ºC .

The information included in this "Technical Sheet" reflects our knowledge regarding the product by the time of issuance of this document.
The date specified herein cannot be applied to other substances.