



HY605

Aluminium Suspension

Technical features	Typical analysis	Test method:
Metal content:	approx. 20 %	
Solvent:	TMPEOTA + stabilizer	
Mean particle diameter:	11 - 13 µm	Laser granulometry (Sympatec Helos)

Characteristics

- Leafing metallic effect
- Vacuum Metallized Pigment (VMP)

Application

- UV-Screen Printing Inks
- UV-Flexographic Printing Inks
- UV-Gravure Printing Inks



Features

- mirror-like surface
- Solventfree Version

Storage

The storage and transport of HY605 should always take place in originally closed containers. Exposure to UV radiation (e.g. sunlight) should be avoided at any time.

Consult the appropriate MSDS for further instructions.

Shelf life (valid from date of filling)

At least 6 months in originally closed containers

Processing

Formulation:

HY605 is compatible with UV-varnish systems designed for use with metallic pigments.

Suitability for end application and formulation stability should be fully tested on any new formulation prior to use.



Guangzhou Hanyue New Materials Co., Ltd.

Pigmentation:

For initial trials, depending on the required hiding power and metallic effect, add 10-25% HY605.

Mixing:

- Avoid turbo mixers and other high-shear equipment at every production stage; excessive shear can damage pigment flakes, reduce the final appearance and adversely affect stability.
- Re-mix HY605 thoroughly with low shear before use.
- Once full dispersion is achieved, avoid further or extended mixing because it can damage the pigment.

Resins and additives may vary from batch to batch and influence the relevant ink properties. Hence tests prior to production runs are highly recommended.

For further information and guideline formulations, contact Guangzhou Hanyue New Materials Co., Ltd.