



# Product Data Sheet

## NeoCryl® A-1127

NeoCryl® A-1127 is a self-cross-linking acrylic copolymer dispersion for flexo and gravure printing on flexible packaging films. The product combines excellent adhesion to various packaging films with very good chemical and physical resistance properties.

### Product characteristics

Type - Anionic acrylic emulsion  
Neutralising agent - Ammonia

### Film properties

- Good adhesion on PE, OPP, PA, Aluminium, PET
- Excellent grease resistance
- Good chemical and physical resistance properties

### Recommendations for end use

- Surface printing onto polyolefin's
- Heavy duty PE printing
- Primer for WB, UV and Solvent based inks for plain and metalised BOPP and polyester films.

### Formulation guidelines

- NeoCryl®A-1127 has a low MFT and does not require a coalescent for optimal film performance.
- Additional information on formulating NeoCryl®A-1127 is available upon request.

### Food contact

- Food contact compliance statements are available upon request.

Delivery form: 44 % in water.

### Product specifications

Property	Range	Unit	GAP
Appearance	Yellowish translucent liquid		0059
Total solids (% w/w)	43 - 45	%	0001
pH (25 °C)	7.3 - 7.9		0016
Visc. Brookfield 25 °C	25 - 175	mPa.s	0020

### Other product data

Property	Value	Unit	GAP
MFFT	7	°C	0011
Density 20 °C	± 1.05	kg/l	0006
Free monomer	Max. 500	ppm	0118
VOC (theoretical)	0.06	%	
Preservative(s):			
BIT (casno. 2634-33-5)	0.046	%	0222
CMIT/MIT (3:1) (casno. 55965-84-9)	0.0014	%	0222

### Test methods

Test methods (GAP) referred to in the tables are available on request.

### Storage guidelines

The resin should be stored indoors in original, unopened, undamaged container in a dry place at storage temperature between 5- 40 °C. Exposure to direct sunlight should be avoided.

### Shelf life

Under above mentioned storage guidelines, the shelf life of the resin will be 12 months ex work.

### Material safety

A Material Safety Data Sheet for this product is available on request.

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