



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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