



Product Data Sheet

NeoCryl® B-728

NeoCryl® B-728 is a hard solid acrylic homopolymer with excellent solvent and chemical resistance for use in a wide variety of coating and ink applications.

Product characteristics

Type - MMA homopolymer
Average mol. weight (Mw) - 65000

Film properties

- Very hard and abrasion resistant
- Outdoor durability, heat and moisture resistant
- Oil, fat and petrol resistant and resistant to plasticizer migration

Recommendation for end-use

- PVC coatings and coatings for other plastics
- Car refinishing
- Gravure and screen printing inks

Formulating guidelines

- NeoCryl® B-728 is at 40-50°C soluble in aromatics, esters, ketones and chlorinated solvents.
- Slower evaporating solvents are needed to overcome cob webbing in spray application
- Compatible with plasticizers, NC, vinyl's, thermoplastic acrylics, epoxies and chlorinated rubber
- See our guide formulations for specific information

Delivery form: 100 % solid beads.

Product specifications

Property	Range	Unit	GAP
Appearance	clear, free flowing beads		0059
Total volatile	Max. 1.5	%	0025
Visc. Brookfield 25°C 30 % w/w in MEK	450 - 650	mPa.s	0020

Other product data

Property	Value	Unit	GAP
Density 20°C	± 1.19	kg/l	0006
Free monomer	Max. 2000	ppm	0118
VOC (theoretical)	± 0.002	%	
Tg (DSC)	± 111	°C	1140
Softening point R&B	> 200	°C	1501
Acid value (on solid)	± 6.5	mgKOH/g	0095

Test methods

Test methods (GAP) referred to in the table(s) 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 conditions, the shelf life of the resin will be 24 months ex work.

Material safety

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