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Product Data Sheet



NeoCryl® B-725

NeoCryl® B-725 is a solid acrylic copolymer with easy solubility and broad compatibility for general purpose.

Typical properties

Type - BMA/MMA copolymer

Average mol. weight (Mw) - 55000

Film properties

- Hard, tough, flexible and clear
- Outdoor durability, heat and alkaline resistant
- Fast solvent release

Recommendations for end-use

- Marine and structural steel paints
- Car refinishing paints and aerosols
- Road paints
- Clear and pigmented coatings on plastics, primed metals and wood
- Protective coatings on concrete, asbestos cement
- Flexo and gravure printing inks, screen inks
- Upgrading of other resins to improve durability, heat stability and drying time
- Powder coatings additive

Formulating guidelines

- NeoCryl® B-725 is soluble in aromatics, esters, ketones, chlorinated solvents and solutions in these solvents are alcohol and white spirit tolerant
- Broad compatibility with plasticizers and resins such as vinyl's and chlorinated rubber
- See our guide formulations for specific information

Delivery form: 100 % solid beads.

Product specifications

Property	Range	Unit	GAP
Appearance	White, free flowing beads		0059
Total volatile	max. 1.0	%	0025
Visc. Brookfield 25°C	300 - 450	mPa.s	0020
40 % w/w in toluene			

Other product data

Property	Value	Unit	GAP
Density 20°C	± 1.11	kg/l	0006
Free monomer	max. 3000	ppm	0118
Tg (DSC)	± 63	°C	1140
Softening point R&B	± 155	°C	1501
Acid value (on solid)	± 6.0	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.

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