



Product Data Sheet

NeoCryl[®] B-725

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

Delivery form: 100 % solid beads.

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

Product specifications

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

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.

The user is held to check the quality, safety and other properties of the product referred to herein. The information and recommendations in this document are to the best of our knowledge, reliable. However, no rights whatsoever can be derived from this document or the information contained therein by any party, other than those expressly accepted by a selling entity of the Royal DSM group of companies ("DSM Selling Entity") in a binding sale and purchase agreement for product referred to herein. For the avoidance of doubt THE ROYAL DSM GROUP OF COMPANIES MAKE NO WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR PURPOSE. Unless explicitly agreed to otherwise in writing by the DSM Selling Entity, all offers, quotations, sales and deliveries of DSM products are subject to the General Conditions of Sale of such DSM Selling Entity.

This document has been issued by DSM Coating Resins on behalf of the DSM Selling Entity. For more information: www.dsmcoatingresins.com