



## Product Data Sheet

### NeoCryl® B-734

NeoCryl® B-734 is a solid acrylic copolymer providing excellent compatibility with short and medium oil alkyds and many other resin types.

Delivery form: 100 % solid beads.

#### Typical properties

Type - BMA/MMA copolymer  
Average Mol. weight - 105000

#### Film properties

- Tough and relatively hard
- High gloss
- Good pigment and surface wetting
- Good general adhesion characteristics

#### Recommendation for end-use

- In combination with alkyd resins to upgrade drying time, durability and gloss retention
- In alkyd and/or NC based car refinish coatings
- Plastic coatings
- Pigment preparations and aerosols
- Parquet polishes

#### Formulating guidelines

- NeoCryl® B-734 is soluble in aromatics, esters, ketones, chlorinated solvents and isopropanol and is tolerant with white spirit
- Compatible with short and medium long oil alkyds, plasticizers, vinyl's, NC, chlorinated rubber, epoxies and most other acrylics
- Small additions of alcohols e.g. n-butanol reduces the viscosity of alkyd/acrylic combinations
- 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<br>30 % in Toluene | 100 - 150                 | mPa.s | 0020 |

#### Other product data

| Property            | Value     | Unit    | GAP  |
|---------------------|-----------|---------|------|
| Density 20 °C       | ± 1.10    | kg/l    | 0006 |
| Free monomer        | Max. 5000 | ppm     | 0118 |
| VOC (theoretical)   | ± 0.025   | %       |      |
| Flash point CC      | ± 60      | °C      | 1113 |
| Softening point R&B | ± 170     | °C      | 1501 |
| Acid value          | < 1       | mgKOH/g | 0095 |

#### Test methods

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

#### Storage conditions

The resin should be stored indoors in original, unopened, undamaged container in a dry place at storage temperature between 5- 30 °C. Exposure to direct sunlight should be avoided.

#### Shelf life

Under above mentioned storage condition, 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.