



## 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 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.