PRODUCT INFORMATION

CEVO® 4055

Product Description

CEVO® 4055 is a multifunctional processing aid. It includes a synergistic combination of different lubricating, release- and dispersing agents.

General Advantages

Low volatility. Improves flow properties and release during processing. Optimised filler and pigment dispersion, surface improvement and gloss.

Examples of Use

Effective flow improver for PC. Allows post industrial sheet quality to be converted into injection molding quality. Compatible with acrylate-based core-shell polymer impact modifiers.
Effective lubricant and dispersing agent in transparent engineering plastics such as PET/PBT and in reinforced polypropylene (PP); lubricant, release agent and dispersing agent in acrylonitrile butadiene styrene (ABS), polystyrene (PS), polyoxymethylene (POM) and nylon (PA, PA6, PA66); external lubricant for rigid PVC profiles; lubricant, release agent, slip agent and anti-fog agent in thermoplastic polyurethane (TPU), lubricant and anti-blocking agent in polymethylmethacrylate (PMMA).

Delivery Specifications *

Characteristics	Unit	Target value	Method
Acid value *	mg KOH/g	0 – 5	ISO 2114
Drop point *	°C	75 – 85	ASTM 3954
Colour	–	Off-white-light yellow	AA 3.2.1.505
Viscosity @ 120 °C	mPas	approx. 5 – 20	AA 3.2.1.520

Packaging and Handling

Physical form	Compactate (pellets) or pastilles
Packaging	Paper bag or Big Bag
Storage	Store at ambient temperature on a dry place. Protect from heat/overheating and direct sunlight. The maximum shelf life is 5 years after production. Thereafter, tests of the chemical characteristics are recommended. After delivery, a minimum remaining shelf life at the customer of 1.5 years is warranted.

Safety

CEVO® 4055 is not classified as carcinogenic, mutagenic or reprotoxic; no health or environmental hazards are known, provided it is applied in industrial and professional settings.

For more information, consult SDS.

Delivery Time and Availability

Standard delivery time: 2 – 3 weeks. Preconditions can be met for achieving shorter delivery times on standard products when demanded by the market.

Legislation

Food contact compliance:
- FDA § 175.105 Adhesives
- FDA § 176.170 Paper components
- FDA § 176.210 Defoaming agents
- FDA: food contact compliant for PET (TOR)
- China GB 9685-2016
- EU 10/2011
- BfR XVII Poly(terephthalic acid diol esters), as of 01.07.2016: approved (No SML).
- BfR XXXVI Paper and board for food contact

Other legislation:
- RoHS and CONEG compliant
- Ingredients listed in all relevant national chemical inventories
- SVHC free

For further information, please contact regulatorik@voelpker.com.

The information contained herein is believed to be accurate and reliable as of the date issued. However, we do not warrant or guarantee the accuracy or reliability, in particular not for any specific intended use by the customer. It is the responsibility of those to whom we supply our products directly or indirectly to ensure that their use of the products complies with existing regulations, laws, legislations and proprietary rights. The information given by Völpker Spezialprodukte does not exempt the customer from carrying out inspections and analyses on goods purchased.

Issued: 2025-0714, supersedes all previous editions

Völpker Spezialprodukte GmbH · Fabrikstraße 1 · 39393 Völpke · Germany · Telephone +49 39402 962-0 · www.voelpker.com