



PARALOID™ K-128P Processing Aid

Description

PARALOID™ K-128P Processing Aid is an all-acrylic, general purpose additive that offers outstanding efficiency in improving the processing characteristics of vinyl compounds. Formulations containing this processing aid can achieve desirable performance with 20% less additive than peer products, making PARALOID™ K-128P Processing Aid highly efficient processing aid for PVC available today for most applications.

Applications

- PVC film
- PVC sheet
- Other PVC applications

Regional Product availability

- Asia Pacific

Typical properties

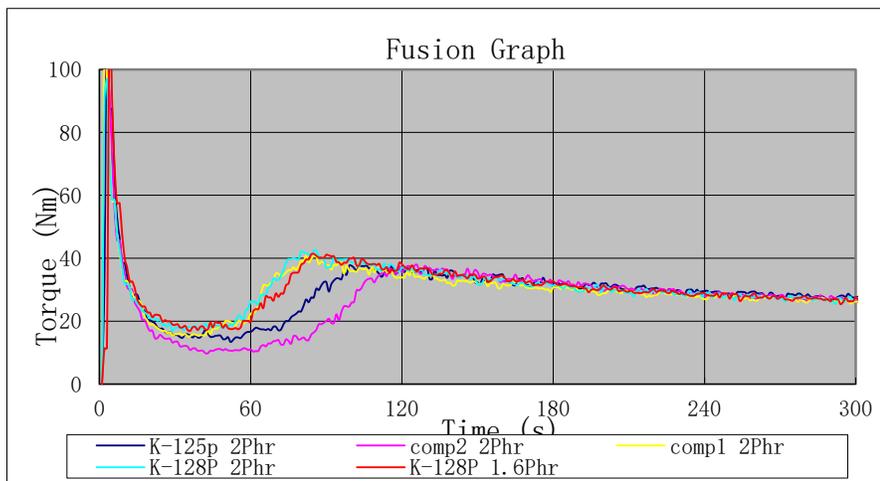
PARALOID™ K-128P Processing Aid is a free-flowing powder

PARALOID™ K-128P	
Physical appearance	White Powder
Bulk density aerated (g/cm ³)	0.45±0.10
Volatiles (% max)	1.0
Fines level, retained on 850 micron (%)	1.0
Fines level, through 45 micron (%)	15.0

Key attributes

- High efficiency, dosage can be reduced by 20% or more.
- Excellent compatibility with PVC resin.
- Excellent optical clarity.
- Higher melt strength than incumbent processing aids for packaging.
- Excellent metal release in PVC processing.

Rheology and processing





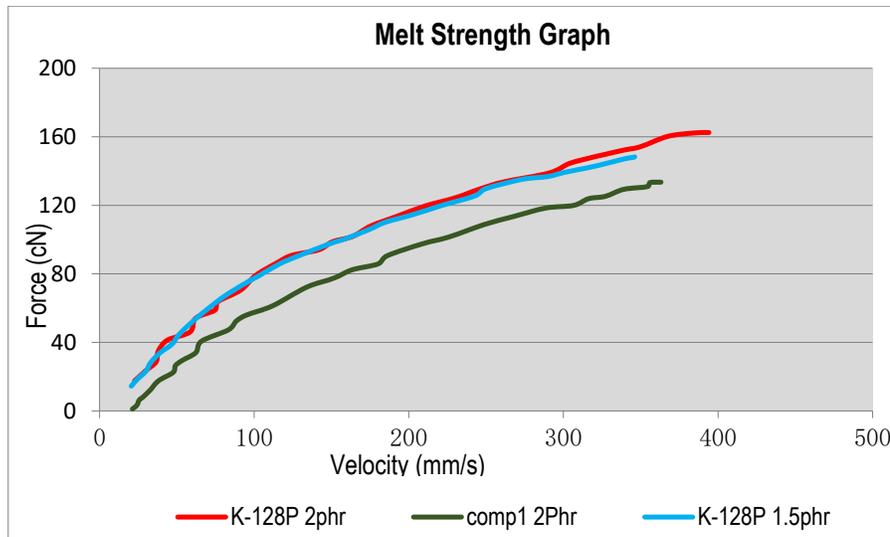
Technical Data Sheet

Optical properties

Film ID	Thickness (mm)	L*	a*	b*	Haze
Competitor 1	0.05	96.58	0.00	0.24	1.07
K-128P 70%	0.05	96.57	0.01	0.22	0.89

Sheet ID	Thickness (mm)	L*	a*	b*	Haze
K-128P 0.8phr	0.30	95.04	-0.12	-0.85	1.12
Competitor 3	0.30	95.06	-0.10	-0.89	3.74

Melt Strength



Product Packaging

The standard package is either a unitized pallet of 15-20 kg bags or 500kg super sacks/big bags/FIBC bags.

Please consult a Dow representative for specific package availability for this product.

Quality management system

The Dow Chemical Company (Dow) and its subsidiaries have implemented a comprehensive quality management system pursuant to Good Manufacturing Practices (GMP) and various quality management standards including ISO 9001. An overview of **The Dow Quality Management System Manual** can be obtained at the following Internet web site – <http://www.dow.com/en-us/about-dow/our-company/beliefs-and-culture/quality-culture>. As part of that system, the Dow Plastics Additives business maintain ISO 9001 registration for most of our manufacturing plants. A copy of these certificates available upon request.

Storage and handling precautions

Store unopened in original packaging at ambient temperature. If material is opened, it should not be left exposed and should be used within one month. When stored correctly in the original packaging, the shelf life is 3 years from date of manufacture.

Before using this product, consult the Safety Data Sheet (SDS) for details on product hazards, recommended handling precautions and product storage. Contact Dow for copies of the SDS and for more information on this product. Information contained in a TDS document cannot substitute a SDS.

Disposal considerations

Dispose in accordance with all local, state (provincial) and federal regulations. Empty containers may contain hazardous residues. This material and its container must be disposed in a safe and legal manner.



Technical Data Sheet

Medical Applications Restrictions

Dow will not knowingly sell or sample any product or service ("Product") into any commercial or developmental application that is intended for:

- Long-term or permanent contact with internal body fluids or tissues. "Long-term" is contact which exceeds 72 continuous hours
- Use in cardiac prosthetic devices regardless of the length of time involved ("cardiac prosthetic devices" include, but are not limited to, pacemaker leads and devices, artificial hearts, heart valves, intra-aortic balloons and control systems, and ventricular bypass-assisted devices)
- Use as a critical component in medical devices that support or sustain human life
- Use specifically by pregnant women or in applications designed specifically to promote or interfere with human reproduction

Customers considering use of Dow products in medical applications must notify Dow so that appropriate assessments may be conducted. Dow does not endorse or claim suitability of its products for specific medical applications. It is the responsibility of the medical device or pharmaceutical manufacturer to determine that the Dow product is safe, lawful, and technically suitable for the intended use.

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Customer Notice

Dow strongly encourages its customers to review both their manufacturing processes and their applications of Dow products from the standpoint of human health and environmental quality to ensure that Dow products are not used in ways for which they are not intended or tested. The customer is solely responsible for determining the suitability of the Dow product for the uses contemplated by customer. Dow product literature, including safety data sheets, should be consulted prior to use of Dow products. Current safety data sheets are available from Dow and available online at www.dow.com.

Regulatory Information

If your application includes a sensitive application such as food contact or drinking water requirements or if you need other regulatory information, please contact your local Dow representative.

Contact information:

If you should have any questions regarding this notice, please contact your local Dow Representative or www.dow.com/contact

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