

Kane Ace™ PA180 / PA180PL

Processing Aid for Recycled Polystyrene

PRODUCT DESCRIPTION

Kane Ace™ PA180 is a very high molecular weight styrenic processing aid designed to enhance the foaming behaviour and final properties of expanded polystyrene products, such as XPS and EPS.

It enables increased usage of recycled polystyrene without compromising density or mechanical performance, thereby helping to meet sustainability targets.

GENERAL BENEFITS

- Stabilizes expansion behaviour by increasing the melt strength of polystyrene
- Efficiently reduces MFR of recycled (and virgin) polystyrene
- Enables production of lower-density foam
- Improves cell structure and surface appearance
- Facilitates increased use of CO₂ as a blowing agent instead of traditional organic types

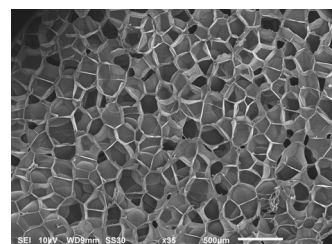
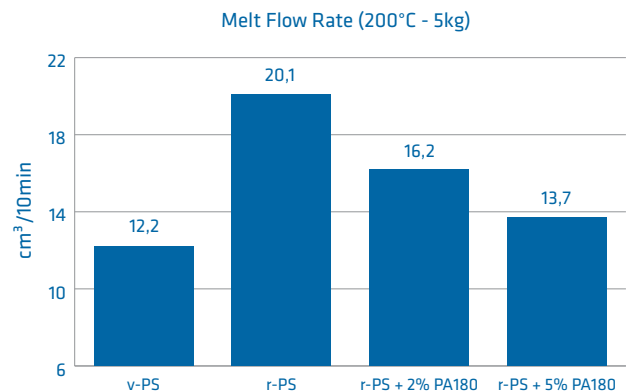
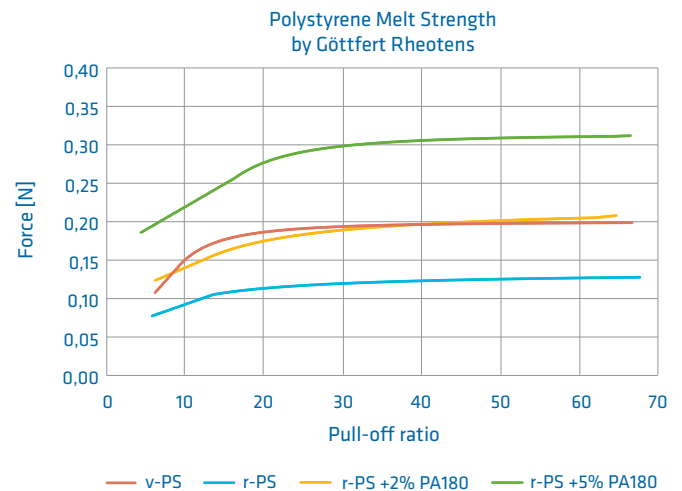
TYPICAL APPLICATIONS

XPS insulation board, EPS for packaging or building and construction.

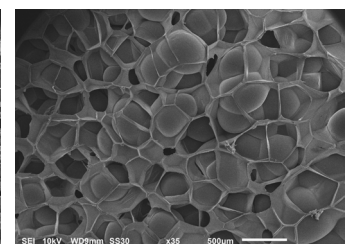
TYPICAL PROPERTIES

Chemical Description	Styrene Acrylic Copolymer
Physical Form	PA180 = fine white powder PA180PL = pellets
Volatile Matter Content	0,5 %
Molecular Weight	Very high

Note: please be aware that typical properties are approximate reference values. For guaranteed quality specifications, please contact us.



No PA 180



5% PA 180

DOCUMENT REFERENCE

TDS_KaneAce_PA180 and PA180PL | Version 2.0

QUALITY CONTROL

Kaneka Belgium NV follows internationally recognized quality management principles. Our valid ISO certificates can be downloaded from our website.

EN ISO 9001: "Quality Management System"

EN ISO 14001: "Environmental Management System"

EN ISO 50001: "Energy Management System"

STORAGE AND HANDLING

Please consult the "**General safety recommendations for the storage and handling of Kane Ace™ powders**" and **Safety Data Sheet** for additional information concerning personal protective measures, safety, health and environmental information.

SHELF LIFE GUARANTEE

On condition that there is taken care about the conditions for storage(*) as these are mentioned in the Safety Data Sheet and on the packaging itself of the Kane Ace™ product, Kane Ace™ PA180 can be maintained in stock, keeping its characteristics, for a period up to three years after delivery date.

(*) Store free, in original package. Store in cool area, do not store near heat sources. Store in dry well-ventilated area, avoid contact with moisture. Protect from light, especially from direct exposure to sunlight.

REGULATORY INFORMATION

Regulatory information is supplied upon request. Please contact info.regulatoryppd@kaneka.be

HARMONIZED TARIFF CODE

39039090

Disclaimer

All information (including but not limited to technical statements, instructions, recommendations or suggestions) contained in this bulletin are for general information purposes only. The information is provided to the best of our knowledge and while we endeavour to keep the information up to date and correct according to the state of the art, we make no representations or warranties of any kind, express or implied, about the completeness, accuracy, reliability or suitability with respect to the information contained in this bulletin. Any reliance you place on such information is therefore strictly at your own risk. In no event will we be liable for any loss or damage (including, without limitation, indirect or consequential loss or damage, or any loss or damage whatsoever arising from loss of profits) arising out of, or in connection with, the use of this information and /or the use, handling, processing or storage of Kane Ace™.

SUPPLIER

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www.kaneka.be

**BUILDING A SUSTAINABLE FUTURE
FOR PEOPLE AND THE PLANET
THROUGH THE POWER OF CHEMISTRY**



PRODUCT PACKAGING

Kane Ace™ PA180 is supplied in 20-kg PE bags [600 Kg per pallet] and in 500-Kg semi-bulk bags [1000 Kg per pallet].

Kane Ace™ PA180PL is supplied in 25-kg PE bags [1000 Kg per pallet] and in 500-Kg semi-bulk bags [1000 Kg per pallet].

ADDITIONAL INFORMATION

For additional information or specific recommendations for your intended application, please contact us.

PERFORMANCE POLYMERS SOLUTIONS VEHICLE

Technical Service Department

Email: info.modifier@kaneka.be

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