

Kane Ace™ M582 / M582PL

Acrylic Impact Modifier

PRODUCT DESCRIPTION

Kane Ace™ M582 is a functional weatherable core-shell rubber designed to improve the impact properties of polymers, especially polyester types.

GENERAL BENEFITS

- Excellent impact strength
- Easy processing and powder handling
- Good weatherability

TYPICAL APPLICATIONS

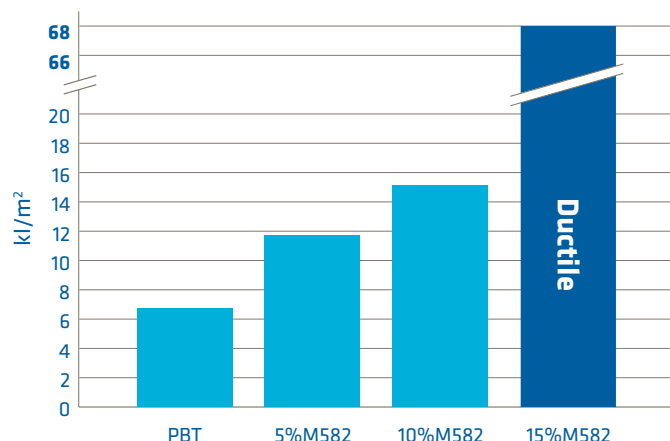
Automotive, electrical and electronic parts, rigid (food) packaging

TYPICAL PROPERTIES

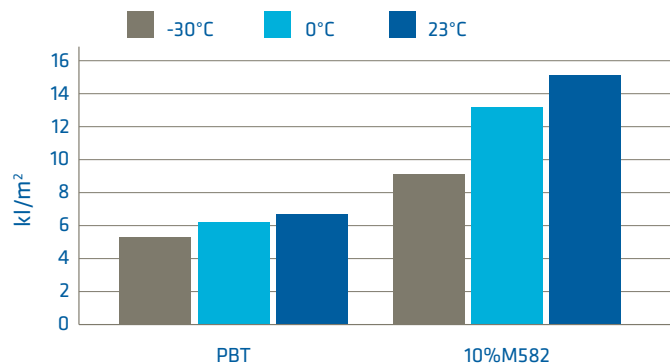
Chemical Description	acrylic copolymer
Physical Form	M582 = fine white powder M582PL = pellets
Bulk Density	0,46 g/cm ³ for powder 0,37g/cm ³ for pellets
Volatile Matter Content	0,5 %
Particle Size, d50	150 µm
Impact Strength	very high

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

IZOD NOTCHED IMPACT 23°C (ISO 180/A)

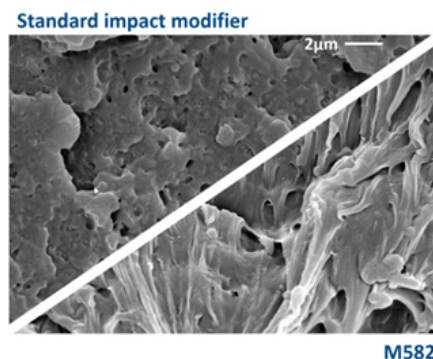


IZOD NOTCHED IMPACT (ISO 180/A) AT DIFFERENT TEMPERATURES



KANE ACE™ M582 IMPROVES DUCTILITY

Scanning Electron Microscopy of a surface fracture
Chemical bonding of M582 with the matrix leads to higher ductility.



DOCUMENT REFERENCE

TDS_KaneAce_M582_M582PL | version nr. 3.1

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™ M582 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

39069090

CAS NUMBER

CAS number assigned to identify Kane Ace™ M582 is 31261-08-2

PRODUCT PACKAGING

Kane Ace™ M582 is supplied in 25-kg PE bags [750 kg per pallet] and in 500-kg semi bulk bags [1000 kg per pallet]. Kane Ace™ M582PL 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

Disclaimer

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SUPPLIER

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