



Xtended materials
polyolefins and thermoplastic elastomers



SealCare

Halogen free compounds for better closure seals

Solutions for sealing improvement

BENVIC is continuously improving and extending its product offerings in addition to its PVC compounds.

BENVIC's new **SealCare** series is dedicated to material compounds for seal closures.

SealCare is part of Benvic's newly launched Xtended materials product line. The new material is based on a thermoplastic elastomer (TPE) and provides a much-needed alternative to existing market solutions.

Halogen free seal compounds have of course been available for some time. However, industry faces new challenges of functionality and preservation – all supplied at optimum cost. Issues of material processing have been inseparable from these total costs. The **SealCare** family of products now provides new and improved solutions to these issues.

BENVIC's design and development of **SealCare** has been carried out in partnership with several customers in the field of beverage machine bottling. These successful trials have proven **SealCare** to have superior performance in production.

SealCare materials also offer improved performance with regard to closure functionality, organoleptic properties, substance migration and other factors. The resistance and versatility of SealCare materials allow them to be used for all beverages including carbonated soft drinks, beer, fruit juice and water.

SealCare has been primarily designed for crown cork functions but can be extended to any kind of usage that is based on customer requests. BENVIC's engineering teams can support and develop bespoke production or specific product features in the service of the customer.



Product features

Excellent and proven processability for lining machines

Mechanical characteristics to ensure excellent sealing

Organoleptic behavior : neutral to avoid unexpected tastes

Low Migration, and oil free

Compliance with food contact standards EU 1935/2004 & 10/2011

Customizable - to allow for process optimization and for the introduction of specific characteristics



SealCare TPE range

	Process	Hardness (Shore A)	Density	Stress at break (MPa)	Deformation at break (%)	Recommended machine	Oil free
TPE EP086/W010	Extrusion Injection	88	0.910	10	>30	SACMI PMC	-
TPE EP088/W010	Extrusion Injection	88	0.915	27	>10	SACMI PMC	O

Support

Benvic is a polymer compounding specialist and supports its customers with all product design needs and with the associated manufacturing process. For any support needs please contact your closest BENVIC sales representative or at benvic.com.

Technical data sheets, processing recommendations and other supporting data are available upon demand. The information given here above is general commercial information, cannot be considered as a specification can change without prior notice. Benvic also supports customers through continuous adaptation of its products: please contact your nearest sales representative for technical support.



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