

Product: Plastseal TO 2121

Introductory description

Plastseal TO 2121 is a single-component expandable PVC plastisol with non-phthalate plasticizer without azodicarbonamide. It has been designed for use as the sealing of lug caps. Plastseal TO 2121 is certified according to the applicable legislation currently in force in the area of contact with food. Normally, it may be used as sealant for lug caps of jars for all kinds of canned food which will be pasteurised or sterilised.

The manufacturer of lug caps and the food manufacturer are fully responsible for the testing and determination of fitness for use of Plastseal TO 2121 for specific final applications. Each customer or end user must conduct their own tests in order to check its fitness for specific applications and treatment methods. D PLAST a.s. is not responsible for any damage or loss resulting, either fully or partially from or in connection with specific use of Plastseal TO 2121, especially where the customer fails to conduct thorough testing and determination of usability.

Technical information

Technical Data	Results	Specification
Colour	White	
Particle size	0.150 mm max.	CSN EN ISO 21524
Density of the plastisol	$1.23 \pm 0.03 \text{ g/cm}^3$	CSN EN ISO 1183
Density of the sealing	$1.05 \pm 0.10 \text{ g/cm}^3$	CSN EN ISO 1183
Viscosity Brookfield RVDV II+ spindle 5, 20 rpm, $25 \pm 2 \text{ }^\circ\text{C}$	$2500 \pm 1000 \text{ mPa}\cdot\text{s}$	CSN EN ISO 2555
Viscosity Ford 8 mm, $25 \pm 2 \text{ }^\circ\text{C}$	$60 \pm 20 \text{ seconds}$	CSN EN ISO 2431

Regular processing

Plastseal TO 2121 is applied to the inner part of a lug caps by injection technology.

Usual settings	Production line
Temperature of preheating	35 - 40 °C
Curing conditions	200 - 235 °C and time 50 - 80 seconds

Transport, storage and warranty

Plastseal TO 2121 must be stored in a clean and dry, odour free place away from direct sunlight and heat not more than 35°C. Stir well before use.

D PLAST a.s. is responsible just for agreed manner and quality of the packaging. If no manner and / or quality of packaging is agreed, just for common type and quality described below.

The customer must check whether the packaging conforms to the method of transport. D PLAST a.s. is not responsible for any damage or loss resulting either entirely or partially from or in connection with transport.

The life cycle of Plastseal TO 2121 is at least 6 months provided all of the conditions specified are met from its production to its treatment.

Packaging

250 kg net weight, steel drums, 4 drums on the wooden pallet 120 x 120 cm, stackable in 2 layers.

Legal notice

All the above information is based on technical knowledge obtained by the manufacturer and is provided without any guarantees, to the best of the manufacturer's knowledge, as background data for the customer, not as the supplier's guarantee. The supplier is not familiar with the application of the product or the method of its processing and therefore, may not guarantee fitness of the product for a specific application or treatment. The customer is obligated to review all product properties themselves, especially with regard to the processing method pursued at their own equipment and the final application of the product.

The present technical data sheet applies to all orders for the product referred to as Plastseal TO 2121 placed from its issue up to its recall, where relevant, or change. The supplier reserves the right to modify the technical data sheet related to the present product.

All deliveries of goods according to this Technical Data Sheet are regulated by General Business Terms and Conditions of company D PLAST a.s. in wording valid and effective to the date of order and Customer undertakes by his order to respects these General Business Terms and Conditions of company D PLAST a.s. which are to be downloaded on the website www.dplast.cz.