

Product: Granulen® E22 ROPP

Introductory description

Granulen® E22 ROPP is a granulation product, which does not contain PVC and has been designed for use as the sealing of aluminium ROPP closures. Granulen® E22 ROPP is certified according to the applicable legislation currently in force in the area of contact with food. Normally, it may be used for closures of bottles containing most drinks such as water, fruit juices, milk cold-bottled or pasteurised, wine and alcoholic drinks having an alcohol content up to 45% in volume which will be cold or hot filled or pasteurised. It is not suitable for closures to be used with bottles containing fat.

The manufacturer of ROPP closures and the bottling plant are fully responsible for the testing and determination of fitness for use of Granulen® E22 ROPP 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 Granulen® E22 ROPP, especially where the customer fails to conduct thorough testing and determination of usability.

Technical information

Technical data	Values	Specifications
Composition	Polymer blend	
Colour	White, Transparent	
Density	0.90 ± 0.03 g/cm ³	CSN EN ISO 1183
Hardness	31 ± 3 Shore D	CSN EN ISO 868
Melt flow index (190 °C/5.0 kg)	17 ± 3 g/10 min	CSN EN ISO 1133-1

Regular processing

Usual settings	Sacmi PMV 100	Sacmi PMV 136
Caps Per Minute	800 to 1000	1700
Temperature Profile	A	B
Punch Temperature	10 to 15 °C	10 to 15 °C
Liner Weight	250 to 350 mg	250 to 350 mg

Profile	Feed	Zone 2	Zone 3	Zone 4	Zone 5	Melt	Nozzle
A	110 °C	120 °C	135 °C	140 °C	-----	-----	5.7 to 7.0 mm
B	110 °C	120 °C	130 °C	140 °C	145 °C	-----	5.7 to 7.0 mm

Transport, storage and warranty

Granulen® E22 ROPP must only be transported and stored in the original closed packaging at a clean place, free from any odours or any other contamination, away from direct sunshine, with the maximum ambient temperature of 40 °C and maximum relative humidity of 65%.

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 Granulen® E22 ROPP is at least 12 months provided all of the conditions specified are met from its production to its treatment.

Packaging

Cardboard octabin with granulate weight of 1,000 kg - non-stackable, 600 kg - 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 Granulen® E22 ROPP 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 webside www.dplast.cz.