Unilene A-100 LN

Description:

Unilene ® A-100 LN is a low molecular weight, thermoplastic aromatic C9 hydrocarbon resin obtained through catalytic polymerization in a continuous process, pastillated in a pearl-like shape and presented in soft yellow colored scale. Compatible with most solvents and polymeric materials. Unilene ® A-100 LN has a controlled naphthalene content which allows for a less pronounced odor when compared to regular C9 hydrocarbon resins.

In Rubbers, Unilene improves the processability of compounds, fillers incorporation, dispersion and tack of the mixture, avoiding the elastomer deterioration and reducing the preparation time. For applications in Hot Melt and Solvent-Based Adhesives, the resin promotes tack, wetting, cohesion, open time control and water repellency.

Applications:

Rubber, Plastics (such as EVA films and PVC parts), Asphalt components, Adhesives

Typical Values

Feature	Method	Units	Values
Softening Point	ASTM D 6493	°C	100
Gardner Color (50% in toluene)	ASTM D 6166	-	6 máx
Acid Value	ASTM D 974	mgKOH/g	0,1 máx.
Naphthalene Content	Internal	ppm	100 máx

Packaging and Storage:

The resins are supplied in 25 ± 0.2 kg polyethylene bags and are supplied in pellet format. Hydrocarbon resins have thermoplastic characteristics, they can agglomerate when submitted to high temperatures and / or under pressure (stacking). It is recommended to store the product in fresh place, free from direct sunlight, moisture and without stacking the pallets, also avoiding direct contact with the soil.

This characteristic is considered more critical for low softening point resins such as Unilene A-80, A-90 and A-90 LN.

Expiration date:

Two years from production date. Please refer to storage conditions recommendations.

Legal Statement

1. For safety, handling, personal protection, first aid and waste disposal information, refer to the SDS - Safety Data Sheet.
2. For any doubt concerning material handling or application, please contact the Technical Services area.
3. The properties and values contained in the quality certificate must be considered as a guarantee of the product. For typical values, when provided, the information is given in good faith and obtained in our laboratories, and should not be considered as absolute or as a guarantee.
4. This document may not be distributed, displayed, copied or altered without prior written permission of Braskem SA. To the extent Braskem SA authorizes the distribution, display, and / or copying of this document, you may do so only if the document is unaltered and complete, including all headers, footers, disclaimers, and other information.