



BP0402-SC069

Version: 7.0

Synthetic Rubber Factory (FSK) Elemir
HIP-Petrohemija d.o.o.

Identification number:
TUS – HIPP - 1302

Date:
18.04.2024.

RAW MATERIAL SPECIFICATION
Non-coloring antioxidant

1. Product Name / Chemical Name:	Non-coloring antioxidant/ <i>4.6-bis(octylthiomethyl)-o-cresol</i>				
2. SAP code:	8111728				
3. Technical description:	<p>The non-coloring antioxidant is used for the preparation of a light stabilizer. The light stabilizer protects the rubber from impacts of oxygen and heat when drying the rubber, from cyclization when stockpiling, prevents the appearance of gel and spoilage when processing and prevents the formation of cracks when exposing the rubber to light. The light stabilizer gives a transparent and light color to the vulcanizate and no staining of the product occurs during a longer storage period.</p> <p>CAS No.: 110553-27-0 EC No.: 402-860-6</p>				
4. Physical and chemical characteristics:	Item No.	Characteristic	Method	Unit	Range of allowed values
	1.	Refractive Index	ASTM D 1747	n_d^{25}	1.5233
	2.	Density at 25°C	ASTM D 1298	g/cm ³	0.973
	3.	Color Index, Gardner	ISO 4630*	<i>Gardner</i>	Max 2
	4.	Viscosity at 25°C	ISO 12058-1	mPas	66
	5.	Appearance	Visual	-	Light as water, transparent liquid
	*testing shall be performed upon request outside the FSK				
5. Technical/accompanying documentation:	<p>The Supplier is obliged to submit:</p> <ul style="list-style-type: none"> - safety data sheet, in Serbian - testing report - safety measures data sheet 				

	- delivery note
6. HSE requirements:	-
7. Delivery and labeling:	<p>The chemical is supplied in the form of a liquid, in white polyethylene industrially standardized containers (<i>IBC</i> container) that have been calibrated (quantity/volume scale)</p> <p>Each package unit must have a list with the following information:</p> <ul style="list-style-type: none"> - date - product name - manufacturer's data (company) - lot / batch number - net mass of the package unit - production date - usability date
8. Transport:	Auto transport
9. Product eligibility criteria:	<p>Quality compliance with the requirements - The product is in compliance with the specified requirements if it meets the permissible tolerances on all points, or all the requirements given in this specification and if it successfully passes the industrial trial</p> <p>Uniformity of delivery quality - The delivery of the input material should correspond to the approved procurement sample. The sample is tested according to the Control and testing plan for input raw materials and chemicals in the FSK. The manufacturer must submit information on changes in its production process and place of production, as well as samples of products produced under new conditions. After examining the documentation, sample testing, and a positive outcome of the industrial trial, the FSK shall approve the application and delivery of the input material.</p> <p>Delivery acceptance criterion - The criterion is met if the input control confirms the quality and quantity in relation to the accompanying documentation and the requirements on all points of this specification</p>