

	BP0402-SC043
	Version: 7
Synthetic Rubber Plant (SBR) Elemir HIP-Petrohemija d.o.o.	Identification number: TUS-HIPP-1279
	Date: 19/09/2024
SPECIFICATION OF INPUT RAW MATERIAL Furfural	

1. Product name/chemical name:	Furfural					
2. SAP code:	8104875					
3. Technical description:	Furfural is used as an anti-fouling agent in the 1,3-butadiene extraction plant CAS number: 98-01-1					
4. Physical and chemical characteristics:	Item number	Characteristic	Method	Unit	Range of allowed values	
	1.	Cleanliness	Internal method	Wt. %	Min. 99.5	
	2.	Specific gravity at 20 °C	ASTM D 1298	g/cm ³	1.160	
	3.	Content of water	ASTM E 203	Wt. %	Max. 0.5	
	4.	Total acidity	Internal method	KOHmg/g	Max. 0.5	
	5.	Refractive index at 20 °C	ASTM D 1747	n _D ²⁵	1.524 – 1.526	
	6.	Appearance	Visual	-	Yellow to brown liquid	
5. Technical/ accompanying documentation:	The Supplier is obliged to submit: <ul style="list-style-type: none">- Safety data sheet, in Serbian- Test report- Data sheet on safety measures- Delivery note					
6. HSE requirements:	-					
7. Delivery and labelling:	The chemical is delivered in the form of a liquid in tank trucks. Each package unit must have a list with the following data:					

	<ul style="list-style-type: none"> - Date - Product name - Data on the manufacturer (company) - Lot/batch number - Net mass of the package unit - Production date - Usage date
8. Transport:	Transport by cars
9. Product eligibility criteria:	<p>Quality compliance with the requirements - The product is in compliance with the specified requirements if it meets the allowed tolerances in all aspects or all the requirements given in this specification.</p> <p>Uniformity of delivery quality - Delivery of the input material should correspond to the approved sample for procurement. The sample is tested according to the Control and testing plan of input raw materials and chemicals in the SBR. The manufacturer must submit information on changes in its process of production and place of production, as well as samples of products produced under new conditions. After examining the documentation and testing the sample, the SBR gives its consent for the application and delivery of the input material.</p> <p>Delivery acceptance criterion - The criterion is met if the quality and quantity in relation to the accompanying documentation as well as the requirements in all aspects of this specification are confirmed by the input control.</p>