

	BP0403-SC001
	Version: 4.0
Low density polyethylene (LDPE) plant HIP-Petrohemija d.o.o.	ID number: TUS-HIPP-1327
	Date: 29.07.2024
<p align="center"><b>SPECIFICATION OF INCOMING MATERIAL</b></p> <p align="center"><b>C-2 polymerization initiator</b></p>	

1. Product name / Chemical composition:	C-2 polymerization initiator/ <i>Di-tert-butyl peroxide</i>				
2. SAP code:	8111997				
3. Technical description:	Organic peroxide used as polymerization reaction initiator in the autoclave reactor for low-density polyethylene production.  Physical appearance: colourless liquid Flammability: flammable				
4. Physical and chemical properties:	No.	Property	Method	Unit	Permissible value range
	1.	Peroxide	MA0741-UP53	% (m/m)	min 98.5
	2.	T-butyl-hydroperoxide	MA0741-UP52	% (m/m)	max 1.0
	3.	Active oxygen	MA0741-UP53	% (m/m)	min 10.6
5. Technical/supporting documentation:	The supplier shall deliver: <ul style="list-style-type: none"> <li>- Safety Data Sheet (SDS), in the Serbian language</li> <li>- Test Report</li> <li>- Safety measures datasheet</li> <li>- Bill of lading</li> </ul>				
6. HSE requirements:	-				
7. Delivery and marking:	The raw material is delivered by refrigerator trucks, in liquid state, packed in 20-25 kg containers  The following data shall be clearly marked on each packaging unit: <ul style="list-style-type: none"> <li>- Product name</li> <li>- Manufacturer information</li> <li>- Net mass of packaging unit</li> <li>- Production date</li> <li>- Shelf life</li> <li>- Storage requirements</li> <li>- Lot number</li> </ul>				

8. Transport:	-
9. Product acceptability criteria:	The raw material is acceptable if it meets all permissible tolerance criteria, i.e. all the requirements specified herein. The material shall be procured from approved suppliers, which warrant the quality. Suppliers are granted the status following successful industrial testing and laboratory testing.