

	<b>BP0404-SC018</b>
	Version: 2.0
High Density Polyethylene (HDPE) factory HIP-Petrohemija d.o.o.	Identification number: <b>TUS-HIPP-2236</b>
	Date: 18.04.2024
<p align="center"><b>RAW MATERIAL SPECIFICATION</b></p> <p align="center"><b>Additive for stabilization of HDPE types intended for the production of blow moulding packaging - Antioxidant 1010</b></p>	

1. Product Name/ Chemical Name:	Additive for stabilization of HDPE types intended for the production of blow moulding packaging 1010/  <i>pentaerythritol tetrakis (3-(3,5-di-tert-butyl-4-hydroxyphenyl) propionate)</i>				
2. SAP code:	8112235				
3. Technical description:	Antioxidant used for stabilization of HDPE types, intended for the production of blow moulding packaging. Antioxidants are added and dispersed in the polymer during mixing to protect the product from accelerated oxidation degradation during extrusion and high temperature processing.  Physical appearance: white to pale yellow pastilles or granules  Flammability: not flammable				
4. Physical and chemical characteristics:	Item No.	Characteristic	Method	Unit	Range of allowed values
	1.	Melting point	-	°C	110-125
	2.	Specific weight	-	g/cm <sup>3</sup>	1.15
	3.	Bulk density	-	g/cm <sup>3</sup>	0.41
5. Technical/accompanying documentation:	The Supplier is obliged to submit: <ul style="list-style-type: none"> <li>- <i>safety data sheet</i>, in Serbian</li> <li>- testing report</li> <li>- safety measures data sheet</li> <li>- delivery note</li> </ul>				
6. HSE requirements:	-				
7. Delivery and labeling:	The raw material is supplied in the form of granules, in plastic bags of 20kg each, protected on a cardboard base, on wooden pallets coated with heat-shrinkable foil.  Each bag and cardboard box must have a list with the following information: <ul style="list-style-type: none"> <li>- date</li> <li>- product name</li> <li>- manufacturer's data (company)</li> <li>- lot / batch number</li> </ul>				

	- net weight
8. Transport:	-
9. Product eligibility criteria:	The raw material is acceptable if it meets all the permissible tolerances, or all the requirements given in this specification. The material is procured from approved suppliers, who guarantee quality. The supplier receives the status approved after a successful industrial trial and laboratory tests.