



BP0404-SC008

Version: 6.0

High Density Polyethylene (HDPE) factory
HIP-Petrohemija d.o.o.

Identification number:
TUS-HIPP-1366

Date:
18.04.2024

RAW MATERIAL SPECIFICATION
Additive for stabilization of HDPE film types

1. Product Name/ Chemical Name:	Additive for stabilization of HDPE film types/ <i>Mixture: Tris-(2.4-di-tertiary butyl phenyl)-phosphite, Octadecyl-3-(3.5-ditertiary-butyl-4-hydroxy phenyl) propionate, Zn-stearate</i>				
2. SAP code:	8111651				
3. Technical description:	Antioxidant used for stabilization of HDPE film application types, intended for the production of film 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 pastilles or granules Flammability: not flammable				
4. Physical and chemical characteristics:	Item No.	Characteristic	Method	Unit	Range of allowed values
	1.	Antioxidant 168	-	%(m/m)	37.0-43.0
	2.	Antioxidant 1076	-	%(m/m)	8.5-11.5
	3.	Zn-stearate	-	%(m/m)	45.5-54.5
	4.	Melting point	-	°C	50-55
	5.	Bulk density	-	g/cm ³	0.55-0.60
5. Technical/accompanying documentation:	The Supplier is obliged to submit: - <i>safety data sheet</i> , in Serbian - testing report - safety measures data sheet - delivery note				
6. HSE requirements:	-				
7. Delivery and labeling:	The raw material is supplied in the form of granules, in plastic bags of 20 kg each, protected with a cardboard base, on wooden pallets coated with heat-shrinkable foil, and in <i>big-bag</i> (jumbo) bags of 500 kg each. Each bag and cardboard box must have a list with the following information:				

	<ul style="list-style-type: none"> - date - product name - manufacturer's data (company) - lot / batch number - 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.