

## SS – 89: LOW DENSITY POLYETHYLENE WAX - STANDARD SPECIFICATION

- 1) **PRODUCT DESCRIPTION:** secondary product resulted from the polymerization of ethylene at high pressure  
 2) **APPLICATIONS:** waxes  
 3) **PROPERTIES:**

PROPERTIES	MU	LIMITS	TEST METHOD
<b>ASPECT:</b>	-	Waxy and sticky matter with variable colour white-yellow-grey-brown	VISUAL
<b>PHYSICAL</b>			
Softening point	°C	40-80	Met. RP
Ash	% m/m	max. 0.5	ASTM D5630
Humidity	% m/m	max. 1	ASTM D6980

- 4) **QUALITY CONTROL:** Control is performed on lots.  
 – Each lot will have 10 tons.  
 – During test operation, the product must comply all the parameters depicted in this standard specification.  
 – In case of litigation, the control of the quality will be done in the presence of the client representative, using the samples kept for those cases. The samples will be taken in accordance with the sampling procedure.

*NOTE: All tests are performed using the supplier's testing machines.*

- 5) **SAMPLING PROCEDURE:**  
 – Sampling is done randomly from max. 5%, but not less of 3 boxes of the total quantity of the lot.  
 – Sampling is done in clean and dry polyethylene .  
 – The bags containing the samples are sealed and labeled.

*NOTE: All the test will be done with the producer testing equipments.*

- 6) **DELIVERY:** Cardboard boxes of approximately 22 kg  
 7) **GUARANTEE:** The product is guaranteed 3 months after delivery under the recommended "handling, transport and storage" conditions, according to MSDS-13.  
 8) **VALABILITY:** The product is guaranteed 12 months after production data, under the recommended "handling, transport and storage" conditions, according to MSDS-13.  
 9) **DOCUMENTS:** Certificate of conformity /Test report  
 10) **HANDLING, STORAGE AND TRANSPORT INFORMATION:** According to " SAFETY DATA SHEET" - MSDS – 13.

11) **OTHER INFORMATIONS:**

The MSDS for LDPE wax is available by Sales Marketing Rompetrol Petrochemicals offices for the customer's. The MSDS contains necessary information in order to ensure customers' own safe in handling and processing activity.

The information below is related only to the delivered product.

Sistemul de management calitate - mediu – sanatate si securitate in munca este certificat conform EN ISO 9001, EN ISO 14001 si OHSAS 18001 de Germanischer Lloyd Certification GmbH.

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### Safety

LDPE- wax is an inert commercial polymer and under normal handling induces no hazard. Product storage must be in accordance with MSDS procedure. The working people should avoid skin or eyes contact with molten polymer. As a minimal precaution to prevent eyes injury, safety glasses are indicated. Fabrication areas should be well ventilated. Workplace environments should be kept clean and free of dust.

### Fire hazard

LDPE-wax is not an inflammable substance. Under normal storage conditions there is no ignition hazard. In contact with flame it becomes soft, flows, ignites and burns with a light flame until exhausting. Therefore it has to be handled and stored avoiding contacts with open flames or other ignition sources. While burning, it releases high heat and a dense black smoke. In closed areas, fire fighters must use self-contained breathing apparatus.

### Recycling

LDPE- wax is not a recyclable material.

### Disposal

Disposal of any wastes should respect all national and local valid regulations. The below information are related to LDPE-wax. The influence of the additives, fillers or other materials added by buyers must be taken into consideration using the related documentation. LDPE-wax can be disposed by controlled incineration, respecting valid regulations regarding gaseous emission or solid particles discharges. Due to the high level of heat enduced, incineration has to be done only in dedicated units.

**The mission assumed by Rompetrol Petrochemicals is to build a strong partnership supplier/customer. Assuming this purpose, Rompetrol Petrochemicals intends to offer products of high quality for satisfaction of all customers' needs and expectations, to keep permanently contact with clients in order to acknowledge processing troubleshooting, to ensure technical support to solve them, to develop new products for existing or potential markets. Rompetrol Petrochemicals recognizes community concerns regarding his potential impact activity on the environment and therefore encourages his customers to review their processes from the human health and environment point of view. In order to prevent using the products in manners for which they are not intended or tested, Rompetrol Petrochemicals offer to its customers product literature, including suitable Material Safety Data Sheet, that should be consulted prior to use its products.**

*NOTE: We do not undertake any responsibility or liability for using Rompetrol Petrochemicals' products for other purposes than the ones recommended in this standard specification. It is the customer's responsibility to inspect and test our products in order to assure himself as to their suitability for his intended use.*

*NOTE REGARDING MEDICAL APPLICATION RESTRICTIONS: Rompetrol Petrochemicals does not recommend any company product for applications that involve human tissues or internal fluids contacts - regardless of the contact length of time, for cardiac devices, for medical device components that support human life, as well as for applications that have connections with human reproduction.*

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