

HDPE

Product description

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| Product | High Density Polyethylene |
| Properties | film extrusion grade |
| Applications | intended for processing by extrusion method into film used for cold food packaging and other purposes such as bags, various packages |

Physico-chemical properties

| Characteristic | Unit | Value |
|---------------------------------------|-------------------|---------------|
| Density | kg/m ³ | 0.949 – 0.952 |
| Melt flow index | g/10min | min 0.3 – 0.6 |
| Melt flow index spread within a batch | % | max ± 10 |
| Number of inclusions | pieces | max 3 |
| Weight content of ash | - | max 0.04 |
| Weight content of volatile substances | | max 0.09 |
| Tensile yield strength | MPa | min 19 |
| Rupture strength | MPa | min 21.6 |
| Elongation at break | % | min 700 |

Storage and packing

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| Storage conditions | shall be stored in enclosed dry space preventing from direct sunlight on shelves or pallets at least 5 cm from the floor and at least 1 m from heaters, at temperature max 30° C, relative humidity max 80% |
| Packing | Product is packed in polyethylene bags (one bag net weight 25.00 ± 0.25kg) and stacked on flat pallets with shrink film. Maximum gross weight of a bundle is 2 tons. |