**Applications:** It is suitable for application in Shrink hoods, Industrial sacks, Heavy duty carrier bags and liners

### Typical Data:

<table>
<thead>
<tr>
<th>Property</th>
<th>Unit</th>
<th>Value</th>
<th>Test Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>MFR*</td>
<td>dg/10min</td>
<td>0.3</td>
<td>ISO 1133</td>
</tr>
<tr>
<td>Density*</td>
<td>kg/m³</td>
<td>921</td>
<td>ISO 1183 (A)</td>
</tr>
</tbody>
</table>

#### Optical properties

- **Haze:** % 15 ASTM D1003A
- **Clarity:** mV 56 DSM METHOD
- **Gloss:** % 3945 ASTM D2457

#### Formulation

- **Anti oxidant** **:** ppm 600±60 DSM METHOD
- **Anti block:** ppm -
- **Slip:** ppm -

#### Film Properties

- **Impact Strength:** kJ/m 35 ASTM D4272
- **Tear Strength TD:** kN/m 25 ISO 6383-2
- **Tear Strength MD:** kN/m 20 ISO 6383-2
- **Yield Stress TD:** MPa 11 ISO R527-1
- **Yield Stress MD:** MPa 12 ISO R527-1
- **Tensile Strength TD:** MPa 26 ISO R527-1
- **Tensile Strength MD:** MPa 29 ISO R527-1
- **Elongation at break TD:** % >500 ISO R527-1
- **Elongation at break MD:** % >200 ISO R527-1
- **Modulus of elasticity TD:** MPa 190 ISO R527-1
- **Modulus of elasticity MD:** MPa 180 ISO R527-1

#### Other Properties

- **Coefficient of friction:** 0.7 ASTM D1894

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* The values given for MFR and Density are targeted values. This exact values are guaranteed by licensor within applicable given ranges.

** By customer request
Storage, Handling:

As poly ethylenes, like most polymers, are combustible, the usual precautions concerning ignition sources should be taken in warehouses and storage rooms. Where large quantities are kept in store, it is necessary to observe the normal rules for orderly stock control and to keep out dust and moisture. It should be stored in such a way to prevent exposure to direct sun light, as this may lead to quality deterioration.

Health, Safety, Food Contact:

Under normal conditions, poly ethylenes do not present a toxic hazard through skin contact or inhalation. During processing contact with molten polymer and inhalation of volatilized fumes should be avoided. The chemical composition of the polyethylene grades comply with USA-FDA.

Environment, Recycling:

The environmental aspects of any packaging material do not imply waste issues but have to be considered in relation with the use of natural resources, the preservation of foodstuffs.
Whenever thermal recycling of packaging is carried out, polyethylene with its fairly simple molecular structure and low amount of additive is considered to be a trouble-free fuel.

Packaging:

This is supplied in the form of pellets, in big bag (1000 Kg) or 25 kg bags. The 25 bags are delivered on shrink-wrapped pallets.