V-pet

POLYETHYLENE TEREPHTHALATE (PET) – R

Product Description:

- PET is a linear thermoplastic resin that is created by the condensation of terephthalic acid and ethylene glycol. PET is a strong & reliable option especially for packaging. PET provides a long shelf life because it acts as a good barrier to elements outside of the container.

Characteristics & Usages:

- PET has good gas and moisture barrier properties
- PET is strong and impact-resistant
- PET crystallinity varies from amorphous to fairly high crystalline.
- PET is naturally colourless with a high transparency

CAS No.: 25038-59-9

Physical & Chemical Properties:

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flow ability</td>
<td>Free Flow</td>
</tr>
<tr>
<td>Bulk Density</td>
<td>880 Kg/M³</td>
</tr>
<tr>
<td>I.V.(dl/gm)</td>
<td>0.72± 0.02</td>
</tr>
<tr>
<td>Colour b Gardner</td>
<td>&lt; 2.0</td>
</tr>
<tr>
<td>Melting Point</td>
<td>240 ° C</td>
</tr>
<tr>
<td>Fine(&lt; 0.5 mm)</td>
<td>&lt; 0.1 %</td>
</tr>
<tr>
<td>pellet Size</td>
<td>3 mm</td>
</tr>
<tr>
<td>Moisture</td>
<td>&lt; 0.1 %</td>
</tr>
</tbody>
</table>

Packaging:
• Standard Packaging: 25Kgs Nett Bags.
• Specific Packaging options can be arranged as per customer's requirement.

➢ **Safety & Environmental Information:**
  
  • **Fire Extinguishing Agent:** Water Spray, Dry Chemical Powder, Carbon dioxide foam.
  
  • **Eye:** Pellets and fines may scratch eye surfaces and cause mechanical irritation to eyes. The vapour from heated material or suspended dust may cause discomfort to eyes.
  
  • **Skin:** Skin contact may result in mechanical injury or abrasion.

➢ **Handling & Storage Information:**
  
  • Use Personal protective equipment. Avoid prolonged contact.
  
  • Indoor Storage is recommended. Store in a cool dry place. Avoid storage with oxidizing agents, acids, acid chlorides and acid anhydrides

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