SCG™ HDPE S111F
HIGH IMPACT STRENGTH HDPE FOR HEAVY DUTY PACKAGING

THE PERFORMANCE BEYOND HDPE STANDARDS:

- Up to 10% packaging cost reduction
- Ability to downgauge the film more than 20% while maintaining mechanical strength
- Reduce packaging breakage during handling
- Safe material for food contact

KEY FEATURES:

- Offers 15% higher dart impact strength and good puncture energy
- Good seal ability that can replace HDPE blended with LLDPE formulation by using 100% S111F
- Able to reduce film thickness more than 20% while maintaining film strength
- Able to blend with higher content of recycled plastic (PCR and PIR) resin

<table>
<thead>
<tr>
<th>GRADE</th>
<th>S111F</th>
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<tbody>
<tr>
<td>MI [g/10min] Load 2.16 kg, 190°C</td>
<td>0.04</td>
</tr>
<tr>
<td>Density [g/cm³] Anneal @100°C</td>
<td>0.945</td>
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<tr>
<td>Dart Impact Strength [g] at 25 microns</td>
<td>&gt;300</td>
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</tbody>
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KEY PROPERTIES:
COMPARE TO FORMULATION OF HDPE AND LLDPE(C8) AT 25 μm FILM

RECOMMENDED APPLICATIONS:

Poultry Bag  Industrial Liner  Box Liner  Premium Shopping Bag  Trash Bag

Rev. Sep 2019 valid until next revision
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