Applications
- Blown films
- Wire and cable jacketing
- Heat seal layers
- Compatibilizer and impact modifier

Key Attributes
- Adhesion to & compatibility with various polymers
- Soft & flexible without plasticizers
- Highly fillable
- Low melting temperature
- High molecular weight

Product Description
EMAC® SP2413 is an ethylene methyl acrylate (EMA) copolymer with 16.5% MA designed for wire and cable applications. This product contains no slip or antiblock. This resin is an ideal impact modifier and compatibilizer, and the lower melting point provides lower sealing temperature.

Typical Physical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Test Method</th>
<th>Typical Value, Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methyl Acrylate Content</td>
<td>Westlake</td>
<td>16.5 weight %</td>
</tr>
<tr>
<td>Melt Index (Condition 190°C/2.16 kg)</td>
<td>D1238</td>
<td>0.6 g/10 min</td>
</tr>
<tr>
<td>Density</td>
<td>D1505</td>
<td>937 kg/m³ (0.937 g/cm³)</td>
</tr>
<tr>
<td>Peak Melting Point by DSC (T_m)</td>
<td>D3418</td>
<td>90°C (194°F)</td>
</tr>
<tr>
<td>Vicat Softening Point</td>
<td>D1525</td>
<td>67°C (153°F)</td>
</tr>
<tr>
<td>Brittleness Temperature</td>
<td>D746</td>
<td>&lt; -73°C (&lt; -99°F)</td>
</tr>
<tr>
<td>Durometer Hardness – Shore D Scale</td>
<td>D2240</td>
<td>40</td>
</tr>
</tbody>
</table>

Notes
Methyl acrylate copolymers are soft, pliable, and tough at ambient and freezing temperatures. They exhibit high solids filling capability and compatibility with a wide range of polymers, facilitating their use as concentrate bases.

Processing
Processing conditions for methyl acrylate copolymer resins vary depending upon application, fabrication equipment, and other resin use. These resins are thermally stable and process like LDPE.

Regulatory Compliance
This product has some 21 CFR clearances. Please contact your Westlake Sales Representative for food contact statements.

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