DOMO Chemicals is a leading engineering materials company and highly integrated solution provider committed to the sustainable future of polyamides.

Contact us now at:
DOMO Caproleuna GmbH
Am Haupttor – Bau 3101 | 06237 Leuna | Germany
Phone: +49 3461 43-2200 | Fax: +49 3461 43-2220
E-Mail: caproleuna@domo.org
domochemicals.com

DOMAMID®
for fibers

DOMO Chemicals is an excellent engineering materials company and highly integrated solution provider committed to the sustainable future of polyamides.

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DOMAMID®
for monofilaments

DOMAMID®
for carpets

DOMO Chemicals

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DOMAMID®
Polyamide 6 virgin resins for fibers

The fiber threads that are made of DOMAMID® are heavy-duty, ultra-strong and durable. Excellent processing properties secure high spinning efficiency – unequalled for abrasion resistance and strength.

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DOMAMID®
Polyamide 6 for fiber extrusion

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DOMAMID®
for textile filaments

Sports and leisure clothing like lingerie and hosiery, technical clothing, high-tech outdoor wear, artificial leather.
DOMO offers high-quality polyamide 6 (PA6) granulates under the brand name DOMAMID®. It is the material of choice for yarn producers looking for high-speed spinning materials that stand out for smooth evenness in dyeability and excellent mechanical properties. Yarns based on DOMAMID® provide outstanding processing properties for the textile industry, give excellent dyeability while offering superior color fastness and excellent comfort for carpet Customers.

DOMAMID®
Your smart choice for spinning

The DOMAMID® PA6 fiber grades, available in a wide variety of viscosities, are used in nearly all fields of spinning. Due to their outstanding properties, DOMO’s PA6 grades have become indispensable in many applications. DOMAMID® single fibers provide customers an easier and more cost-effective solution when making printing products like monofilaments for textiles, technical yarns and carpets. DOMAMID® is tough and flexible, offering superior abrasion resistance, colorfastness and color resistance and elongation for spinning applications.

Carpet yarns for efficient productivity

Over decades, DOMO has earned an excellent reputation in the PA6-BCF carpet yarn business. DOMAMID® H27 S12 is the latest polymer for the PA6-BCF heatset production. DOMAMID® H27 S12 stands out by improved processing performance, higher spinning speeds, significantly improved stretchability and reduced Superba Heatset shrinkage at a high stretching ratio, among other advantages.

Textile filaments for best performances

The modified DOMAMID® H24 SSD01 is processed as textile multi- and monofilaments for voiles, printed, very-thin-ed and technical fabrics. DOMAMID® H24 SSD01 is suitable for all high-speed spinning POY and FDY applications, characterized by an excellent evenness in dyeability and brilliant colors. Its inherent stabilizer ensures excellent heat and light stability for the final yarn application.

Material specific properties

<table>
<thead>
<tr>
<th>Parameter</th>
<th>DH24 SSD01</th>
<th>DH27 S12</th>
<th>DH33 F</th>
</tr>
</thead>
<tbody>
<tr>
<td>Granulate</td>
<td>green, spherical</td>
<td>natural white, spherical</td>
<td>opaque natural white, spherical</td>
</tr>
<tr>
<td>Relative solution viscosity, range</td>
<td>2.47 ± 0.05</td>
<td>2.70 ± 0.05</td>
<td>3.30 ± 0.05</td>
</tr>
<tr>
<td>Moisture content (%)</td>
<td>0.06 max.</td>
<td>0.06 max.</td>
<td>0.06 max.</td>
</tr>
<tr>
<td>Extrudates (%)</td>
<td>0.6 max.</td>
<td>0.4 max.</td>
<td>0.6 max.</td>
</tr>
<tr>
<td>Amino endgroups, range (meq/kg)</td>
<td>43 ± 2</td>
<td>40 ± 4</td>
<td>40 ± 4</td>
</tr>
<tr>
<td>Application</td>
<td>Textile, Carpet, textile, Ropes, fish nets</td>
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