### Product Information

**Product Number** | **Packing**
--- | ---
RM6460 | 25G

#### Product Information

<table>
<thead>
<tr>
<th>Product Code</th>
<th>RM6460</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Name</td>
<td>Dextran, MW 40,000</td>
</tr>
<tr>
<td>Molecular Formula</td>
<td>(C₆H₁₀O₅)ₙ</td>
</tr>
<tr>
<td>Molecular Weight</td>
<td>~40,000</td>
</tr>
<tr>
<td>CAS No.</td>
<td>9004-54-0</td>
</tr>
<tr>
<td>Shelf Life</td>
<td>4 years</td>
</tr>
</tbody>
</table>

#### Technical Specification

- **Appearance**: White to off-white powder.
- **Solubility**: Soluble in water to give a clear colourless to faint yellow solution at 100 mg/ml.
- **pH**: 5.00 - 8.00
- **Molecular weight**: 30,000 to 40,000 (by Low Angle Laser Light Scattering)
- **Loss on drying (105°C; 1 h)**: \( \leq 7.0\% \)
- **Residue on Ignition**: \( \leq 2.0\% \)
- **Colour at 1% solution**: \( \leq 0.05 \) (OD at 510 m micron)
- **Intrinsic viscosity (37°C)**: 0.160 - 0.170
- **Cold water solubility**: \( \geq 10.0\% \)

#### Risk and Safety Information

- **Storage Temperature(°C)**: Store below 30°C

#### Transport Information

- **ADR/RID**: Not Dangerous Goods
- **IMDG**: Not Dangerous Goods
- **IATA**: Not Dangerous Goods