GREEN AS WHITE CAN BE

ELASTOMER AND RUBBER COMPOUNDING

APPLICATIONS
- TPV (Thermoplastic Vulcanizates)
- TPE, TPEE, EPR, EPDM, SBR, BR, NR, NBR IIR for Automotive tyre
- Consumer goods
- Sporting goods
- Heavy tools
- Building & construction
- General purposes (sealing, gasket, bushing, etc)

www.imerys-kaolin.com
ABOUT IMERYS KAOLIN

We are a division of Imerys, a world leader of kaolins located in middle Georgia for over a hundred years. Our Kaolins are processed, refined and engineered to complement our customer's production processes, improving the quality and raising the performance of customers products. Imerys Kaolin offers Tailor-made solutions based on a understanding of the manufacturing process, production and business constraints of the Plastics industry.

Our range of products help to improve impact and tensile strength, warp resistance, electrical and chemical resistance, and enhances smoothness and brightness as well as TiO₂ extender to enhance the colors in your end product.

**BENEFITS**
- High modulus
- Better flowability
- Better compression set
- Smooth surface quality
- Enhanced crosslinking performance
- Cost reduction
- Better dimensional stability
- Gas barrier performance

**TYPICAL APPLICATIONS**
- TPV (Thermoplastic Vulcanizates)
- TPE, TPEE, EPR, EPDM, SBR, BR, NR, NBR IIR for Automotive tyre
- Consumer goods
- Sporting goods
- Heavy tools
- Building & construction
- General purposes (sealing, gasket, bushing, etc)

**FORMULATION GUIDE**
- Our team of technical service representatives can provide a formulation guide.

**PERFORMANCE KAOLINS WORKING FOR YOU**

<table>
<thead>
<tr>
<th>Grade</th>
<th>Brightness (GE/ISO)</th>
<th>Mean particle size (d50)</th>
<th>Attributes</th>
</tr>
</thead>
<tbody>
<tr>
<td>GLOMAX® LL</td>
<td>91/89</td>
<td>1.5</td>
<td>Medium particle size calcined kaolin reinforced filler for rubber/elastomer compounding</td>
</tr>
<tr>
<td>GLOMAX® LX</td>
<td>90/88</td>
<td>1.2</td>
<td>EPDM Rubber cured compounding</td>
</tr>
<tr>
<td>POLESTAR® 400</td>
<td>92/90</td>
<td>0.6</td>
<td>Ultrafine calcined clay</td>
</tr>
<tr>
<td>POLARITE® 903A</td>
<td>86/84</td>
<td>1.1</td>
<td>Good mixing with PE, PP, PC and ABS</td>
</tr>
<tr>
<td>POLARITE® 402A</td>
<td>92/90</td>
<td>0.6</td>
<td>Fine calcined clay surface treated to provide enhanced dimensional stability and enhanced mechanical properties</td>
</tr>
<tr>
<td>POLARITE® 403A</td>
<td>91/89</td>
<td>0.6</td>
<td>Wire &amp; cable, where higher levels or reinforcement and mechanical performance are required</td>
</tr>
<tr>
<td>HYDRITE® R</td>
<td>86/84</td>
<td>0.4</td>
<td>Fine particle sized kaolin suitable for bulk molding compounds and mechanical and electrical rubber</td>
</tr>
<tr>
<td>HYDRITE® R-A</td>
<td>86/84</td>
<td>0.4</td>
<td>Fine particle sized kaolin, suitable for thermoplastic elastomers</td>
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<tr>
<td>HYDRITE® 121</td>
<td>83.5/81.5</td>
<td>1.0</td>
<td>Good combination of performance for Catalyst Feed</td>
</tr>
<tr>
<td>KAOPAQUE® 10</td>
<td>89/87</td>
<td>0.7</td>
<td>Good combination of performance for Natural and Synthetic Rubber</td>
</tr>
</tbody>
</table>

MORE INFORMATION

Imerys Kaolin
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