PARALOID™ EXL-2616 Impact Modifier
For Polycarbonate and Polycarbonate Blends

Regional Availability
Asia-Pacific

Description
PARALOID™ EXL-2616 Impact Modifier is a core-shell MBS (methyl methacrylate-butadiene-styrene) rubber modifier, having a predefined particle size and shape. It can be used as impact modifier for polycarbonate and polycarbonate blends.

Features & Benefits
The architecture and composition of PARALOID™ EXL-2616 Impact Modifier yields high toughening efficiency, excellent compatibility with polycarbonate, without impairing flexural modulus. PARALOID™ EXL-2616 Impact Modifier is suitable for matching color depth and high gloss requirements in polycarbonate and polycarbonate blends.

Typical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Unit</th>
<th>Lower Limit</th>
<th>Upper Limit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Volatiles</td>
<td>%</td>
<td>1.00</td>
<td></td>
</tr>
<tr>
<td>Psd on 850 Micron</td>
<td>%</td>
<td>0.4</td>
<td></td>
</tr>
<tr>
<td>Psd through 45 Micron</td>
<td>%</td>
<td>5.0</td>
<td></td>
</tr>
<tr>
<td>Bulk Density</td>
<td>g/cm³</td>
<td>0.370</td>
<td>0.470</td>
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</table>

Processing Information
PARALOID™ EXL-2616 Impact Modifier is supplied as an easy flow powder. A co-rotating twin screw extruder is recommended for dispersing it into plastic matrices.

Packaging
The standard package is a unitized pallet of 20 kg bags. Please consult a Dow representative for specific package availability.

Storage
Store product in tightly closed original containers at temperatures recommended on the product label.

Safety data sheet
Before using this product, consult the Safety Data Sheet (SDS) for details on product hazards, recommended handling precautions and product storage. Contact your local Dow representative for copies of the SDS.

Disposal
Dispose in accordance with all local, state (provincial) and federal regulations. Empty containers may contain hazardous residues. This material and its container must be disposed in a safe and legal manner. It is the user’s responsibility to verify that treatment and disposal procedures comply with local, state (provincial) and federal regulations.
Handling

CAUTION! Keep combustible and/or flammable products and their vapors away from heat, sparks, flames and other sources of ignition including static discharge. Processing or operating at temperatures near or above product flashpoint may pose a fire hazard. Use appropriate grounding and bonding techniques to manage static discharge hazards. Avoid high concentrations of dust in air and accumulation of dust on equipment. An airborne dust of this material can create a dust explosion. When handling and processing this material, local exhaust ventilation may be required to control dust and reduce exposure to vapors. To prevent dust explosions, employ bonding and grounding for operations capable of generating static electricity.

Medical application policy

NOTICE REGARDING MEDICAL APPLICATION RESTRICTIONS: Dow will not knowingly sell or sample any product or service ("Product") into any commercial or developmental application that is intended for:

a. long-term or permanent contact with internal body fluids or tissues. “Long-term” is contact which exceeds 72 continuous hours;
b. use in cardiac prosthetic devices regardless of the length of time involved (“cardiac prosthetic devices” include, but are not limited to, pacemaker leads and devices, artificial hearts, heart valves, intra-aortic balloons and control systems, and ventricular bypass-assisted devices);
c. use as a critical component in medical devices that support or sustain human life; or

d. use specifically by pregnant women or in applications designed specifically to promote or interfere with human reproduction. Dow requests that customers considering use of Dow products in medical applications notify Dow so that appropriate assessments may be conducted. Dow does not endorse or claim suitability of its products for specific medical applications. It is the responsibility of the medical device or pharmaceutical manufacturer to determine that the Dow product is safe, lawful, and technically suitable for the intended use.

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Regulatory information

If your application includes a sensitive application such as food contact or drinking water requirements or if you need other regulatory information, please contact your local Dow representative.

Customer notice

Dow strongly encourages its customers to review both their manufacturing processes and their applications of Dow products from the standpoint of human health and environmental quality to ensure that Dow products are not used in ways for which they are not intended or tested. Dow personnel are available to answer your questions and to provide reasonable technical support. Dow product literature, including Safety Data Sheets, should be consulted prior to use of Dow products. Current Safety Data Sheets are available from Dow.
Product Stewardship

The Dow Chemical Company and its subsidiaries (*Dow) has a fundamental concern for all who make, distribute, and use its products, and for the environment in which we live. This concern is the basis of our Product Stewardship philosophy by which we assess the safety, health and environmental information on our products and then take the appropriate steps to protect employee and public health and our environment. The success of our Product Stewardship program rests with each and every individual involved with Dow products – from the initial concept and research, to the manufacture, use, sale, disposal and recycle of each product.