

## Biplex<sup>®</sup> - Material Safety Data Sheet

<b>Product Identification</b>	<i>Biplex</i>
<b>Chemical Name</b>	<i>Polypropylene-polyethylene copolymer</i>
<b>Physical state and appearance</b>	<i>twin wall sheet</i> <i>thickness : 2 - 8 mm / weight : 250 - 1800 gr/m<sup>2</sup></i>
<b>Physical properties</b>	
Melting point	<i>160-175°C</i>
Softening range	<i>145-155°C</i>
Decomposition temperature	<i>&gt; 300°C</i>
Reactions with other materials	<i>Chemically inert material, no special precautions required</i>
<b>Transport &amp; storage</b>	
Freight classification	<i>Not classified</i>
Storage	<i>Storing at ambient temperature required</i>
<b>Handling &amp; precautions</b>	
Handling	<i>Biplex is a polymeric substance with high molecular weight &amp; its handling involves no risk for the health of operators.</i>
Inhalation	<i>No emission of dangerous fumes at room temperature.</i>
Ingestion	<i>The resin itself is considered to be physiologically inert, but certain additives could be harmful. Avoid inhalation.</i>
<b>Fire &amp; explosion hazard information</b>	
Auto ignition temperature	<i>&gt; 360°C</i>
Combustion properties	<i>H<sub>2</sub>O and CO<sub>2</sub> will be formed</i>
Fire extinguishing agents	<i>Water, fog, foam, CO<sub>2</sub>, powder, etc...</i>
<b>Toxicological information</b>	<i>Biplex is biologically inert and does not harm the environment.</i>
<b>Disposal information</b>	<i>Scrap materials can be disposed off at approved landfill tips or can be disposed off by incineration under approved conditions. Advice on the preferred method should be obtained by the local authorities or waste disposal officers.</i>
<b>Re-use information</b>	<i>Biplex can easily be recycled with other PP/PE-based products</i>

*Temporary and limited list made to our best knowledge at this time.*

*The technical data concerning our products are not binding and are given for guidance only.*

*For more specific information, please feel free to contact our technical department :*