

## Product Data Sheet

**SUMITOMO POLYETHYLENE EXCELLEN® GMH**

### **CB0002**

Easy Processing Polyethylene (EPPE), Foam

Applications	For shoe sole and other foam applications.
Characteristics	Additives free. High mechanical strength, impact resistance, easy processing, good seal strength; suitable for high speed processing.

### Typical Properties

Physical		Value	Unit	Method
Melt Index	190 °C, 2.16 kg	0.2	g/10min	JIS K6922-1 / K7210
Density		0.912	g/cm <sup>3</sup>	JIS K7112
Mechanical		Value	Unit	Method
Tensile Strength at Break		34	MPa	JIS K7113
Tensile Elongation at Break		800	%	JIS K7113
Flexural Modulus		130	MPa	ASTM D747-70
Tensile Impact		1400	kJ/m <sup>2</sup>	ASTM D1822-61T
Shore Hardness	D	49		JIS K7215
Thermal		Value	Unit	Method
Melt Temperature		101	°C	DSC

The values shown are typical values measured on the product and are not to be considered as guaranteed specifications; actual test results may vary.

**Manufacturer**

CB0002 is manufactured by Sumitomo Chemical Company Ltd (SCC) and packed in SCC identifiers. Sumitomo Chemical Company is an ISO 9001 certified company.

**Food Contact Application**

Unmodified CB0002 complies with the US FDA Regulation 21 CFR 177.1520 for use in direct contact with food. Please contact your nearest SCA representative for more information.

**Restriction of Hazardous Substances**

The substances regulated under EU Directive 2011/65/EC and its amendment on RoHS in electrical and electronic equipment, are not used in the manufacturing process of CB0002 and are therefore not expected to be present.

**Storage and Handling**

CB0002 is supplied in 25 kg paper bags. It is advisable to store in a well ventilated storage facility, protected from rain, direct exposure to sunlight, temperature and dust.

Moisture may accumulate inside the packaging if there is a significant fluctuation in ambient temperature and high relative humidity. If this occurs, customer is strongly advised to dry the resin prior to use. Direct exposure to sunlight and excessive ambient temperature may affect the properties, appearance and odor characteristic of the resin.

Please refer to the Safety Data Sheet (SDS) for information regarding industrial health and safety issues.

**Disposal and the Environment**

SCA prioritizes environmental management in all our operations in responsibility and respect towards the community and the environment.

Unmodified CB0002 is readily recyclable, both for reuse via reprocessing and for energy reclamation through incineration. If disposed in landfills, our products, which are inert materials, do not pose pollution risks since they do not generate gaseous or liquid emissions.

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