

Product Data Sheet

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SUMITOMO EVA

H2201

Ethylene Vinyl Acetate Copolymer, Foam Moulding

Applications Foam for shoe soles, cushioning material, and thermal insulation.

Characteristics Produced using autoclave process, good processability, tough, elastic, good low temperature resistance, Contain thermal stabiliser additive; no slip agent or antiblock additives.

Typical Processing Conditions Extrusion temperature : 150°C - 180°C

Typical Properties

Physical		Value	Unit	Method
Melt Flow Rate	2.16kg	2.5	g/10min	ISO 1133
VA Content		18	%	ISO 8985
Mechanical		Value	Unit	Method
Tensile Strength	at Break	20	MPa	ASTM D638
Tensile Elongation	at Break	800	%	ASTM D638
Flexural Modulus		34	MPa	ASTM D747
Thermal		Value	Unit	Method
Vicat Softening Temperature		59	°C	ASTM D1525
Melting Temperature		86	°C	DSC, Internal
Other		Value	Unit	Method
Hardness	Shore D	38	-	ASTM D2240

The values shown are typical values measured on the product and are not to be considered as guaranteed specifications, actual test results may vary
Test pieces preparation method : compression, test speed : 500mm/min



SUMITOMO CHEMICAL ASIA

Manufacturer

H2201 is manufactured in Saudi Arabia by Rabigh Refining & Petrochemical Co. (Petro Rabigh).
Petro Rabigh is an ISO 9001, ISO 14001, and ISO 45001 certified company.

Regulatory Compliances

Unmodified H2201 complies with most of the common regulatory in the industry for its intended applications.
Please contact your nearest SCA representative for more information.

Restriction of Hazardous Substances

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

Storage and Handling

H2201 is supplied in 25kg bags or in bulk containers. 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 odour characteristic of the resin. It is recommended to process H2201 within 6 months upon receipt.

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

Disposal and the Environment

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

Disposal of H2201 should at all times comply with the local and regional environmental protection and waste disposal regulations.

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