

HANWHA EVA 2319

Ethylene Vinyl Acetate Copolymer

Hanwha Chemical

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Technical Data

Product Description

HANWHA EVA 2319 is manufactured by Dow tubular high pressure process and designed for variety of foam molding application such as shoes and sandals etc.. EVA 2319 is well known for its excellent processability and high quality assurance.

- Excellent Foam Molding Property
- Very Good Mechanical Properties
- Excellent Loading Property of Various Fillers
- Good Elastic Property of Sponge

General

Material Status	• Commercial: Active	
Literature ¹	• Technical Datasheet (English)	
Search for UL Yellow Card	• Hanwha Chemical	
Availability	• Asia Pacific	• Europe
Additive	• Antioxidant	
Features	• Antioxidant	• Foamable
	• Copolymer	• Good Processability
Uses	• Foam	• Footwear
Forms	• Pellets	

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	0.939 g/cm ³	0.939 g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.5 g/10 min	2.5 g/10 min	ASTM D1238
Vinyl Acetate Content	19.0 wt%	19.0 wt%	Internal Method

Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Break)	1990 psi	13.7 MPa	ASTM D638
Tensile Elongation (Break)	800 %	800 %	ASTM D638

Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Durometer Hardness			ASTM D2240
Shore A	90	90	
Shore D	36	36	

Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Brittleness Temperature	< -105 °F	< -76.0 °C	ASTM D746
Vicat Softening Temperature	138 °F	59.0 °C	ASTM D1525
Melting Temperature	187 °F	86.0 °C	ASTM D3417

Optical	Nominal Value (English)	Nominal Value (SI)	Test Method
Gloss (45°)	82	82	ASTM D2457

Additional Information	Nominal Value (English)	Nominal Value (SI)
Processing Temperature		
Kneader	176 to 212 °F	80 to 100 °C
Roll Mill	194 °F	90 °C

Notes

¹ These links provide you with access to supplier literature. We work hard to keep them up to date; however you may find the most current literature from the supplier.

² Typical properties: these are not to be construed as specifications.



Where to Buy

Supplier

Hanwha Chemical
Seoul, South Korea
Telephone: +82-2-729-2700
Web: <http://hcc.hanwha.co.kr/>

Distributor

RESINEX Group
RESINEX is a Pan European distribution company. Contact RESINEX for availability of individual products by country.
Telephone: +32-14-672511
Web: <http://www.resinex.com/>
Availability: Europe

