

ETHYLENE VINYL ACETATE

H2201

EVA

Description

H2201 contains 18% ethylene vinyl acetate copolymer resin, and is designed for a variety of foam application.

Applications

- Foam application

Physical Properties	Unit	Test Method	Typical Value
MFR	g/10min	ISO 1133	2.5
VA Content	wt%	ISO 8985	18
Mechanical Properties*1			
Tensile Strength at Break*2	MPa	ASTM D638-03	20
Tensile Elongation at Break*2	%	ASTM D638-03	800
Stiffness	MPa	ASTM D747-70	34
Durometer Hardness (D)	D	ASTM D2240-68	38
Thermal Properties			
Vicat Softening Temperature*1 @10N	°C	ASTM D1525-70	59
Melting Point	°C	Petro Rabigh Method	86
Additive			
Thermal Stabilizer: Yes	Anti-block: No	Slip: No	

*1: Test specimen preparation method: compression

*2: Test Speed 500 mm/min

The above data are typical laboratory values and are intended to serve as guides only.

Processing Conditions:

Typical processing temperature: 150 - 180 °C.

Storage and Handling:

H2201 should be stored in a dry and cool place with an adequate ventilation and Storage and shall be protected from UV-light at a temperature below 50 °C. It is advisable to process polyethylene resins within 6 months after the delivery.

Regulatory Compliance:

Please visit Petro Rabigh website or contact Quality Assurance and Claim Handling Section:

Marketing&ProductDevelopmentDept.QA&CH.Section@petrorabigh.com

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