

HANWHA

Ethylene Vinylacetate Copolymer

2020

Blown Film Grade

MELT INDEX **0.5**
VA CONTENT **3.5**
DENSITY **0.924**

HANWHA EVA 2020 is manufactured by DOW tubular high pressure process and designed for variety of film application such as multiplayer agricultural film. EVA 2020 has well balanced property of high clarity, mechanical property and processability.

This product complies with U.S. FDA regulation 21 CFR 177.1350 (a)(1)

■ Outstanding Properties

Good Optical Property
 Good Mechanical Property
 Excellent Processability

■ Processing Conditions

Melt Temperature : 150 ~ 190 °C
 Blow-up Ratio : 2 ~ 3
 Optimum Gage Range : 0.05 ~ 0.1 mm

■ Additives

Anti oxidant, Slip agent, Anti-blocking agent

■ Physical Properties

Physical Properties	Unit	Test Method	Value
Melt Index	g/10min	ASTM D1238	0.5
VA Content	wt%	HCC Method	3.5
Density	g/cc	ASTM D1505	0.924
Vicat Softening Point	°C	ASTM D1525	90
Melting Point	°C	HCC Method	104
Tensile Strength at Break	kg/cm ²	ASTM D638	185
Elongation at Break	%	ASTM D638	730
Brittleness Temperature, F ₀	°C	ASTM D746	< -76
Film Properties	Unit	Test Method	Value
Film Thickness	mm	HCC Method	0.06
Tensile Strength at Break	kg/cm ²	ASTM D882	MD 270
			TD 250
Elongation at Break	%	ASTM D882	MD 300
			TD 630
Tensile Tear Strength	kg/cm	ASTM D1004	MD 90
			TD 95
Dart Impact Strength	g	ASTM D1709	300
Haze	%	ASTM D1003	6.0

1. These are typical properties : not to be construed as specification.
2. The value for this property is dependent on part geometry and fabrication conditions.



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