

HANWHA

Ethylene Vinylacetate Copolymer

2040

Blown Film Grade

MELT INDEX **0.8**
VA CONTENT **9.5**
DENSITY **0.929**

HANWHA EVA 2040 is manufactured by DOW tubular high pressure process and designed for variety of film application such as multiplayer agricultural film. EVA 2040 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 : 140 ~ 180°C
 Blow-up Ratio : 2 ~ 3
 Optimum Gage Range : 0.05 ~ 0.1 mm

■ **Additives**

Anti oxidant

■ **Physical Properties**

Physical Properties	Unit	Test Method	Value
Melt Index	g/10min	ASTM D1238	0.8
VA Content	wt%	HCC Method	9.5
Density	g/cc	ASTM D1505	0.929
Vicat Softening Point	°C	ASTM D1525	77
Melting Point	°C	HCC Method	98
Tensile Strength at Break	kg/cm ²	ASTM D638	195
Elongation at Break	%	ASTM D638	760
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	270
			250
Elongation at Break	%	ASTM D882	350
			650
Tensile Tear Strength	kg/cm	ASTM D1004	80
			85
Dart Impact Strength	g	ASTM D1709	> 400
Haze	%	ASTM D1003	3.0

1. These are typical properties : not to be construed as specification.



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2. The value for this property is dependent on part geometry and fabrication conditions.



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