

HANWHA

Ethylene Vinylacetate Copolymer

2050

Blown Film Grade

MELT INDEX **0.8**
VA CONTENT **12.0**
DENSITY **0.931**

HANWHA EVA 2050 is manufactured by DOW tubular high pressure process and designed for variety of film application such as multiplayer agricultural film. EVA 2050 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**

Excellent Processability
 Good Optical Property
 Good Mechanical Property

■ **Processing Conditions**

Melt Temperature : 140 ~ 170°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	12.0
Density	g/cc	ASTM D1505	0.931
Vicat Softening Point	°C	ASTM D1525	72
Melting Point	°C	HCC Method	96
Tensile Strength at Break	kg/cm ²	ASTM D638	200
Elongation at Break	%	ASTM D638	780
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	285
			270
Elongation at Break	%	ASTM D882	370
			680
Tensile Tear Strength	kg/cm	ASTM D1004	75
			80
Dart Impact Strength	g	ASTM D1709	> 400
Haze	%	ASTM D1003	1.5

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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