

HANWHA

Ethylene Vinylacetate Copolymer

2250

Flexible Package Grade

MELT INDEX **2.0**
VA CONTENT **12.0**
DENSITY **0.931**

HANWHA EVA 2250 is manufactured by DOW tubular high pressure process and designed for variety of film application such as flexible package. EVA 2250 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

Antioxidant

▣ Physical Properties

Physical Properties	Unit	Test Method	Value
Melt Index	g/10min	ASTM D1238	2.0
VA Content	wt%	HCC Method	12.0
Density	g/cc	ASTM D1505	0.931
Vicat Softening Point	°C	ASTM D1525	71
Melting Point	°C	HCC Method	91
Tensile Strength at Break	kg/cm ²	ASTM D638	193
Elongation at Break	%	ASTM D638	800
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 236
Elongation at Break	%	ASTM D882	MD 276
			TD 700
Tensile Tear Strength	kg/cm	ASTM D1004	MD 73
			TD 79
Dart Impact Strength	g	ASTM D1709	400
Haze	%	ASTM D1003	4.7

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



Hanwha B/D, 1 Changgyo-dong, Chung-ku, Seoul, Korea. Tel : 82-2-729-2700 Fax : 82-2-729-2999

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



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