

HANWHA

Ethylene Vinylacetate Copolymer

2240

Flexible Package Grade

MELT INDEX **2.0**
VA CONTENT **9.5**
DENSITY **0.929**

HANWHA EVA 2240 is manufactured by DOW tubular high pressure process and designed for variety of film application such as flexible package. EVA 2240 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	9.5	
Density	g/cc	ASTM D1505	0.929	
Vicat Softening Point	°C	ASTM D1525	75	
Melting Point	°C	HCC Method	94	
Tensile Strength at Break	kg/cm ²	ASTM D638	191	
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	MD	267
			TD	230
Elongation at Break	%	ASTM D882	MD	234
			TD	700
Tensile Tear Strength	kg/cm	ASTM D1004	MD	78
			TD	84
Dart Impact Strength	g	ASTM D1709	400	
Haze	%	ASTM D1003	4.4	

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.

