

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 MD	kg/cm ²	ASTM D882	267
TD			230
Elongation at Break MD	%	ASTM D882	234
TD			700
Tensile Tear Strength MD	kg/cm	ASTM D1004	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.



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



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