

# HANWHA EVA 2250

Ethylene Vinyl Acetate Copolymer

Hanwha Chemical

## Message:

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.

Good Optical Property  
Good Mechanical Property  
Excellent Processability

General Information			
Additive	Antioxidation		
Features	Optical		
	Antioxidation		
	Workability, good		
	Definition, high		
Uses	Packaging		
	Films		
Agency Ratings	FDA 21 CFR 177.1350(a)(1)		
Forms	Particle		
Processing Method	Film extrusion		
	Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.931	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.0	g/10 min	ASTM D1238
Vinyl Acetate Content	12.0	wt%	Internal method
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	18.9	MPa	ASTM D638
Tensile Elongation (Break)	800	%	ASTM D638
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	60	μm	
Tensile Strength			ASTM D882
MD: Break, 60 μm	26.5	MPa	ASTM D882
TD: Break, 60 μm	23.1	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Break, 60 μm	280	%	ASTM D882
TD: Break, 60 μm	700	%	ASTM D882
Dart Drop Impact (60 μm)	400	g	ASTM D1709

Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -76.0	°C	ASTM D746
Vicat Softening Temperature	71.0	°C	ASTM D1525
Peak Melting Temperature	91.0	°C	Internal method
Optical	Nominal Value	Unit	Test Method
Haze (60.0 μm)	4.7	%	ASTM D1003
Extrusion	Nominal Value	Unit	
Melt Temperature	140 - 180	°C	
Extrusion instructions			

Blow-up Ratio : 2 ~ 3 Optimum Gage Range : 0.05 ~ 0.1 mm

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#### Recommended distributors for this material

### Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

