

Hanwha Total PE E156W

Ethylene Vinyl Acetate Copolymer
HANWHA TOTAL PETROCHEMICALS Co., Ltd.

Message:

E156W is a EVA (ethylene-vinylacetate copolymer) resin for wire and cable applications. This grade is designed to be processed in conventional wire and cable coating equipment.

General Information			
Features	Semi-conductive		
	Copolymer		
	Optical		
	Dispersible		
	Workability, good		
	Scratch resistance		
Uses	Wire and cable applications		
	Electronic insulation		
	Coating application		
Forms	Particle		
Processing Method	Extrusion coating		
Physical	Nominal Value	Unit	Test Method
Density	0.935	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	6.0	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance (50°C, F50)	500	hr	ASTM D1693
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	39		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	14.7	MPa	ASTM D638
Tensile Elongation (Break)	750	%	ASTM D638
Flexural Modulus	63.7	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-70.0	°C	ASTM D746
Vicat Softening Temperature	65.0	°C	ASTM D1525 ¹
Melting Temperature	92.0	°C	
Additional Information			
VA Content, SAMSUNG TOTAL: 15 kg force/cm ²			
NOTE			
1.	压 力1 (10N)		

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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

