

AT 191A

Low Density Polyethylene
Celanese EVA Performance Polymers

Message:

This resin is suitable for use in hot melt adhesive and coating applications.

General Information			
Uses	Adhesives		
	Coating Applications		
Agency Ratings	FDA 21 CFR 177.1520		
Forms	Pellets		
Processing Method	Extrusion Coating		
Physical	Nominal Value	Unit	Test Method
Density	0.913	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR)			ASTM D1238
125°C/0.325 kg	160	g/10 min	
190°C/2.16 kg	160	g/10 min	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	95		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Break)	7.00	MPa	ASTM D638
Tensile Elongation ² (Break)	120	%	ASTM D638
Flexural Modulus - 1% Secant	125	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	100	°C	DSC
Ring and Ball Softening Point	115	°C	ASTM E28
NOTE			
1.	Type IV, 50 mm/min		
2.	Type IV, 50 mm/min		

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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



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