

EBAC® SP1806

Ethylene n-Butyl Acrylate Copolymer

Westlake Chemical Corporation

Message:

Westlake EBAC® SP1806 is an ethylene butyl acrylate copolymer designed for extrusion coating and laminating. SP1806 can also be compounded as an impact modifier or used in highly filled applications. Westlake EBAC® resins are less crystalline and softer than polyethylene and offer compatibility and adhesion to typically difficult to bond to polymers. SP1806 is non-corrosive at extrusion temperatures and has excellent thermal stability.

General Information	
Features	Copolymer
	Good Adhesion
	Good Thermal Stability
	Soft
Uses	Coating Applications
	Compounding
	Laminates
	Plastics Modification
Agency Ratings	FDA 21 CFR 177.1340
Processing Method	Compounding
	Extrusion Coating

Physical	Nominal Value	Unit	Test Method
Density	0.925	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	7.3	g/10 min	ASTM D1238
n-Butyl Acrylate Content	17.5	wt%	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	40		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Break)	10.0	MPa	ASTM D638
Tensile Elongation ² (Break)	730	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -73.0	°C	ASTM D746
Vicat Softening Temperature	55.0	°C	ASTM D1525
Peak Melting Temperature	91.0	°C	ASTM D3418

NOTE	
1.	Type IV, 500 mm/min
2.	Type IV, 500 mm/min

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

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

