

EBAC+® SP1903

Ethylene Butyl Acrylate Copolymer

Westlake Chemical Corporation

Message:

EBAC resins adhere to and are compatible with a wide range of materials including paper, polyolefins, oriented polyolefins, polyesters, ionomers, PVdC, unplasticized PVC and other polar polymers. These resins are less crystalline and softer than polyethylenes. They are non-corrosive at extrusion temperatures and have excellent thermal stability over the full processing temperature range. EBAC+ Specialty Copolymers are produced under patented technology: US Patent 5804675.

General Information			
Features	Good Adhesion		
	Good Thermal Stability		
Uses	Film		
	Tie-Layer		
Physical	Nominal Value	Unit	Test Method
Density	0.940	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.45	g/10 min	ASTM D1238
n-Butyl Acrylate Content	18.0	wt%	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	40		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Break)	14.0	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	102	°C	ASTM D3418
NOTE			
1.	Type IV, 500 mm/min		
2.	Type IV, 500 mm/min		

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