



# Westlake Chemical

## EBAC SP1802

### Application/Uses

- Films
- Flexible Packaging
- Disposable Gloves
- IV Containers
- Wound Care

### Key Attributes

- Good adhesion or compatibility to various substrates
- Good heat & RF sealing
- Low temperature toughness
- Soft, flexible, tough without plasticizers

### Product Description

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.

### Typical Physical Properties

Property <sup>a</sup>	Test <sup>b</sup> Method	Typical Value, Units <sup>c</sup>
Melt Index (Condition 190°C/2.16 kg)	D 1238	0.5 g/10 min
Density	D 1505	927 kg/m <sup>3</sup> (0.927 g/cm <sup>3</sup> )
Vicat Softening Temperature	D 1525	59°C (138°F)
Butyl Acrylate Content		22.5%
Melting Point by DSC	D 3418	86°C (187°F)
Brittleness Temperature	D 746	<-73°C (<-99°F)
Durometer Hardness Shore D Scale	D 2240	40
Tensile Stress @ Break 500 mm/min (20 in./min)	D 638 Type IV Specimen	13 MPa (1823 psi)
Elongation @ Break 500 mm/min (20 in./min)	D 638 Type IV Specimen	848%

<sup>a</sup> Unless noted otherwise, all tests are run at 23°C (73°F) and 50% relative humidity.

<sup>b</sup> Unless noted otherwise, the test method is ASTM.

<sup>c</sup> Units are in SI or US customary units.

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### Comments

Properties reported here are based on limited testing. Westlake makes no representation that the material in any particular shipment will conform exactly to the values given.

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