



Westlake Chemical

EBAC+ SP1903

Application/Uses

- Films
- Disposable Gloves
- Wound Care

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. EBAC+ Specialty Copolymers are produced under patented technology: US Patent 5804675.

Typical Physical Properties

Property ^a	Test ^b Method	Typical Value, Units ^c
Melt Index (Condition 190°C/2.16 kg)	D 1238	.45 g/10 min
Density	D 1505	940 kg/m ³ (0.940 g/cm ³)
Vicat Softening Temperature	D 1525	55°C (131°F)
Butyl Acrylate Content		18.0%
Melting Point by DSC	D 3418	102°C (216°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	14 MPa (2000 psi)
Elongation @ Break 500 mm/min (20 in./min)	D 638 Type IV Specimen	730%

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

^b Unless noted otherwise, the test method is ASTM.

^c Units are in SI or US customary units.

Applications

EBAC resins adhere to and are compatible with a wide range of materials including paper, polyolefins, oriented polyolefins, polyesters, ionomers, PVC, 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.

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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