

Technical Data Sheet

Applications

- Masterbatches/compounding
- Compatibilizer
- Cast films

Key Attributes

- Adhesion to & compatibility with various polymers
- Low temperature heat and RF sealing
- Soft & flexible without plasticizers
- Highly fillable, easily compounded
- Excellent clarity

Product Description

EBAC® SP2811 is a 20% EBA copolymer designed for compounding and blending where fillability, flexibility, and low temperature performance are important. EBAC® SP2811 exhibits low haze and excellent clarity as a cast film or tie layer in co-extrusions. Articles produced from EBAC® SP2811 will exhibit softness and high C.O.F.

Typical Physical Properties

Property ^a	Test Method ^b	Typical Value, Units ^c
Butyl Acrylate Content	Westlake	20 weight %
Melt Index (Condition 190°C/2.16 kg)	D 1238	20 g/10 min
Density	D 1505	927 kg/m ³ (0.927 g/cm ³)
Melting Point by DSC (T _m)	D 3418	90°C (194°F)
Vicat Softening Point	D 1525	51°C (124°F)
Brittleness Temperature	D 746	< -73°C (< -99°F)
Durometer Hardness Shore D Scale	D 2240	37
Tensile Stress @ Break (500 mm/min, 20 in/min)	D 638 Type IV	5.6 MPa (815 psi)
Elongation @ Break (500 mm/min, 20 in/min)	D 638 Type IV	575 %
Secant Modulus of Elasticity	D 638 Type IV	41.4 MPa (6,000 psi)

^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.

Notes

The reported properties were measured from compression molded specimens prepared according to ASTM D 1928.

Processing

Processing conditions for butyl acrylate copolymer resins vary depending upon application, fabrication equipment, and other resin use. These resins are thermally stable and process like LDPE.

Regulatory Compliance

This product has some 21 CFR clearances. Please contact your Westlake Sales Representative for food contact statements.

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. Westlake and its marketing affiliates shall not be responsible for the use of this information, or of any product, method, or apparatus mentioned, and you must make your own determination of its suitability and completeness for your own use, for the protection of the environment, and for the health and safety of your employees and purchasers of your products. No warranty is made of the merchantability of fitness of any product, and nothing herein waives any of the Seller's conditions of sale.