

Applications

- Films – blown and cast
- Flexible packaging
- Heat seal layers
- Tie layers
- Impact modifier & compatibilizer

Key Attributes

- Adhesion to & compatibility with various polymers
- Low temperature heat & RF sealing
- Low temperature flexibility
- Soft & flexible without plasticizers

Product Description

EMAC[®] SP2260 is a 24% ethylene methyl acrylate (EMA) copolymer designed for blown or cast film, tie-layers, and extrusions where flexibility, compatibility, or low heat seal temperatures are required. EMAC[®] SP2260 provides excellent adhesion to polyolefins, polyesters, and other polymers while providing outstanding low temperature performance.

Typical Physical Properties

Property ^a	Test Method ^b	Typical Value, Units ^c
Methyl Acrylate Content	Westlake	24% weight
Melt Index (Condition 190°C/2.16 kg)	D1238	2.1 g/10 min
Density	D1505	944 kg/m ³ (0.944 g/cm ³)
Vicat Softening Temperature	D1525	43°C (109°F)
Melting Point by DSC (T _m)	D3418	76°C (169°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 Specimen	11 MPa (1615 psi)
Elongation @ Break (500 mm/min, 20 in/min)	D 638 Type IV Specimen	835%

^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

Methyl/butyl acrylate copolymers are soft, pliable, and tough at ambient and freezing temperatures. They exhibit compatibility with a wide range of polymers, which makes them useful as impact modifiers and compatibilizers..

Processing

Processing conditions for methyl/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.

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