

Applications

- Extrusion coatings/laminations
- Heat seal layers
- Tie layers
- Compatibilizers
- Non-skid surfaces

Key Attributes

- Good adhesion to & compatibility with various polymers
- Low temperature heat & RF sealing
- Low Temperature flexibility
- Soft & flexible without plasticizers
- High coefficient of friction

Product Description

EMAC[®] SP2409 is a 20% EMA copolymer designed for extrusion coating, tie-layers, and extrusions where flexibility, compatibility, low heat seal temperatures, or high coefficient of friction are required. EMAC[®] SP2409 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	20 weight %
Melt Index (Condition 190°C/2.16 kg)	D1238	8.0 g/10 min
Density	D1505	941 kg/m ³ (0.941 g/cm ³)
Vicat Softening Temperature	D1525	50°C (124°F)
Melting Point by DSC (T _m)	D3418	84°C (183°F)
Brittleness Temperature	D746	< -73°C (< -99°F)
Durometer Hardness – Shore D Scale	D2240	39
Tensile Stress @ Break (500 mm/min, 20 in/min)	D638 Type IV Specimen	8.5 MPa (1200 psi)
Elongation Break (500 mm/min, 20 in/min)	D638 Type IV Specimen	600%

^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 acrylate copolymers are soft, pliable, and tough at ambient and freezing temperatures. They exhibit high solids filling capability and compatibility with a wide range of polymers, facilitating their use as concentrate bases.

Processing

Processing conditions for methyl acrylate copolymer resins vary depending upon application, fabrication equipment, and 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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