

Applications

- Extrusion coatings/laminations
- Flexible packaging
- Masterbatches/compounding
- Injection molding

Key Attributes

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

Product Description

EMAC[®] SP2268 is a 24% EMA copolymer designed for extrusion coating, tie-layers, and compounding where flexibility, compatibility, low heat seal temperatures, or high coefficient of friction are required. EMAC[®] SP2268 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	10.0 g/10 min
Density	D1505	945 kg/m ³ (0.945 g/m ³)
Vicat Softening Temperature	D1525	41°C (106°F)
Melting Point by DSC (T _m)	D3418	76°C (169°F)
Brittleness Temperature	D746	< -73°C (< -99°F)
Durometer Hardness Shore D Scale	D2240	34
Tensile Stress @ Break(500 mm/min, 20 in/min)	D 638 Type IV Specimen	8 MPa (1100 psi)
Elongation @ Break (500 mm/min, 20 in/min)	D 638 Type IV Specimen	815%

^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 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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