

Technical Data Sheet

Applications

- Masterbatches/compounding
- Compatibilizing resin
- Predispersant for additives

Key Attributes

- Compatibility with numerous resins
- Low viscosity
- Soft and flexible without plasticizers
- Highly fillable, easily compounded

Typical Product Description

EMAC® SP2408 is a 20% EMA copolymer designed for compounding and blending where fillability, flexibility, and low temperature performance are important. Articles produced from EMAC® SP2408 will exhibit softness and high C.O.F. Lower viscosity makes EMAC® SP2408 suitable for masterbatch carrier resin or as a predispersant.

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)	D 1238	40 g/10 min
Density	D 1505	940 kg/m ³ (0.940 g/cm ³)
Vicat Softening Temperature	D 1525	43°C (109°F)
Melting Point by DSC (T _m)	D 3418	82°C (180°F)
Brittleness Temperature	D 746	< -73°C (< -99°F)
Durometer Hardness Shore D Scale	D 2240	35
Tensile Stress @ Break (500 mm/min, 20 in/min)	D 638 Type IV	5.5 MPa (800 psi)
Elongation @ Break (500 mm/min, 20 in/min)	D 638 Type IV	500 %
Secant Modulus of Elasticity	D 638 Type IV	31 MPa (4,500 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 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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