

## 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 <sup>a</sup>	Test Method <sup>b</sup>	Typical Value, Units <sup>c</sup>
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 <sup>3</sup> (0.940 g/cm <sup>3</sup> )
Vicat Softening Temperature	D 1525	43°C (109°F)
Melting Point by DSC (T <sub>m</sub> )	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)

<sup>a</sup> Unless noted otherwise, all tests are run at 23°C (73°F) and 50% relative humidity.

<sup>b</sup> Unless noted otherwise, the test method is ASTM.

<sup>c</sup> 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.

*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.*