

Applications

- Blown films
- Wire and cable jacketing
- Heat seal layers
- Compatibilizer and impact modifier

Key Attributes

- Adhesion to & compatibility with various polymers
- Soft & flexible without plasticizers
- Highly fillable
- Low melting temperature
- High molecular weight

Product Description

EMAC[®] SP2413 is an ethylene methyl acrylate (EMA) copolymer with 16.5% MA designed for wire and cable applications. This product contains no slip or antiblock. This resin is an ideal impact modifier and compatibilizer, and the lower melting point provides lower sealing temperature.

Typical Physical Properties

Property ^a	Test Method ^b	Typical Value, Units ^c
Methyl Acrylate Content	Westlake	16.5 weight %
Melt Index (Condition 190°C/2.16 kg)	D1238	0.6 g/10 min
Density	D1505	937 kg/m ³ (0.937 g/cm ³)
Peak Melting Point by DSC (T _m)	D3418	90°C (194°F)
Vicat Softening Point	D1525	67°C (153°F)
Brittleness Temperature	D746	< -73°C (< -99°F)
Durometer Hardness – Shore D Scale	D2240	40

^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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