Westlake Polymers

Enhancing your life every day

EMAC® SA2413

Developmental Polymer

Application/Uses

- Medical films
- Flexible packaging
- Seal layer
- Quiet films, batch inclusion films
- Compatibilizer, impact modifier

Key Attributes

- Good adhesion to or compatibility with various polymers
- Good heat and RF sealing
- High slip and antiblock for low C.O.F.
- Soft, flexible, tough without plasticizers

Product Description

Westlake *EMAC® SA2413* is an ethylene methyl acrylate copolymer with 16.5% MA designed for blown film. The high slip and antiblock loading in SA2413 provides for easier handling of films and the low C.O.F. needed in many applications. The high compatibility of this resin makes it ideal as an impact modifier and compatibilizer.

Typical Physical Properties

Property[a]	Test[b] Method	Typical Value, Units[c]
Melt Index (Condition 190°C/2.16 kg)	D 1238	0.6 g/10 min
Density	D 1505	940 kg/m^3 (0.940 g/cm^3)
Methyl Acrylate Content	Westlake	16.5 %
Peak Melting Point by DSC	D 3418	89°C (192°F)
Vicat Softening Point	D 1525	63°C (145°F)
Brittleness Temperature	D 746	<-73°C (<-99°F)
Durometer Hardness Shore D Scale	D 2240	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; this material is developmental, and test values are subject to change.*

NOTES

EMAC resins adhere to and are compatible with a wide range of materials including paper, polyolefins, oriented polyolefins, polyesters, ionomers, PVC, unplasticized PVC and other polar polymers. For use as heat seal layer, adhesive layer, or modifier for cost/performance enhancement. They are soft, pliable and tough at ambient and freezing temperatures and exhibit excellent ESCR. These polymers exhibit high solids fillability and compatibility with a wide range of polymers. This facilitates their uses as bases for all-purpose concentrates for addition to a wide spectrum of polymers. They process like LDPE.

FDA

This product has some 21 CFR clearances. Please contact Westlake Product Regulatory Department for statements.

PROCESSING

Processing conditions for EMAC® and EBAC® resins will vary depending on application, fabrication equipment, and other resin use. For assistance with applications and temperature profiles, contact the Westlake Technical Services Department at

COMMENTS

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.