



## Physical Properties and General Processing Conditions

### EV 4027 BK MB Masterbatch Ethylene Vinyl Acetate (EVA) Black

EV 4027 BK MB is a highly-loaded furnace grade carbon black universal masterbatch for use in many resin systems.

General-purpose black suitable for extrusion and injection molding. Pre-testing is recommended.

| PHYSICAL PROPERTIES & AVERAGE VALUES | ENGLISH               | SI METRIC | TEST |
|--------------------------------------|-----------------------|-----------|------|
| Carrier Resin                        | EVA                   |           |      |
| Carbon Black Particle Size           | 27 nm                 |           |      |
| Pigment Loading                      | 40 %                  |           |      |
| Pellet Size                          | 40±10 ppg             |           |      |
| Form Supplied                        | Pellets               |           |      |
| Packaging                            | Gaylord, drum, or bag |           |      |

#### PROPERTY NOTES

- Data herein is typical and not to be construed as specifications.

#### RECOMMENDED USAGE

Typical use levels will range from 2% to 5% by weight.

The optimum additive loading in the final part depends on the specific processing conditions and expected part environment. The processor will need to confirm the optimum loading level for each particular end use application.

| GENERAL PROCESSING CONDITIONS | ENGLISH | SI METRIC |
|-------------------------------|---------|-----------|
| • None                        |         |           |

#### PROCESSING NOTES

- None

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This information is intended to be used only as a guideline for designers and processors of modified thermoplastics for injection molding. Because injection mold design and processing is complex, a set solution will not solve all problems. Observation on a "trial and error" basis may be required to achieve desired results.

Data are obtained from specimens molded under carefully controlled conditions from representative samples of the compound described herein. Properties may be materially affected by molding techniques applied and by the size and shape of the item molded. No assurance can be implied that all molded articles will have the same properties as those listed.

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