

Physical properties

Density			0.98 ± 0.01 gr/cc
Cu content			6 ppm. max.
Mn content			9 ppm. max.
Tensile	MD	ASTM	31 MPa min.
	TD	D 638	27 MPa min.
Elongation	MD	ASTM	290% min.
	TD	D 638	500% min.
Modulus, 100%	MD	ASTM	15 MPa min.
	TD	D 638	5 MPa min.

Health & Safety Data Sheet

1. Danger symbols None (non-hazard).
2. Transport classification No regulation, no restrictions.
3. Composition EVA copolymer.
4. Physical data
 - Colour and odour Practically odourless.
 - Physical state Solid, film, 35–200 microns.
 - Solubility in water 20°C Insoluble.
 - Density 0.96–1.
 - Melting point 84°C–86°C (DSC).
 - Other data Decomposition Temp. 330°C with formation of low-molecular-weight hydrocarbon fumes, which can be ignited by flame or radiant heat source.
 - Autoignition temp. >300°C.
5. Toxicological data Constituents are non-harmful by ingestion according to manufacturers' data.
6. Health hazards (in general, ingestion, inhalation, skin, eyes) Constituents are non-harmful by ingestion and non-skin-irritant.
7. Fire and explosion hazard
 - Combustible. Burning will emit toxic fumes. Decomposition products likely to include oxides or carbon. Highly toxic carbon monoxide (TLV of 50 ppm.) is formed when any organic material is burned.
 - Extinguishing media Use water, foam or CO₂.
8. Protective measures, precautions, personal protection equipment, etc.
 - No special handling precaution. Use of gloves, safety glasses and other protective clothing is recommended when handling molten polymers. Firemen should wear suitable breathing equipment.
 - Precautions for use Avoid inhaling fumes. Small amounts of VOCs, such as low-molecular-weight hydrocarbons, antioxidants and other stabilizers, may be liberated during processing. However, volumes are low and do not constitute a hazard.
 - Precautions for use Dry warehouse; recommended storage temp. below 50°C.
9. First aid (in general, ingestion, inhalation, skin, eyes) Normal procedures apply according to the nature of accidents. Any molten materials on the skin should be cooled as quickly as possible (e.g. by cold water), but should not be pulled off. Seek immediate medical attention.
10. Information for doctors Inert material, constituents non-harmful.
11. Emergency action by spill or leakage
 - Destruction and cleanup Sweep up and dispose in land in-fill sites. Can be stored and incinerated with domestic waste.
 - Leakage to water Floats on water, localized spillage can be collected and disposed.
 - Leakage to streets, ground, etc. Sweep up and dispose accordingly.