ES28005

Ethylene Vinyl Acetate Copolymer

Applications

- Wire and Cable Compound

Performance

- Uniform VA Contents and MI
- Excellent surface finish
- High filler loading(Carbon black, Flame retardant agent)
- Contaminants free
- Excellent electrical & mechanical property

Typical properties

Characteristics	Test Method	Unit	Value
Physical(1)			
VA Contents	LG Chem. Test Method	%	**28**
Density	ASTM D1505	g/㎤	**0.951**
MI	LG Chem. Test Method(2)	g/10min	**5**
Mechanical(3)			
Tensile Strength at Break	ASTM D638(4)	Mpa	**12.0**
Elongation at Break	ASTM D638(4)	%	**800**
Hardness			
Shore hardness(Shore A)	ASTM D2240	-	**79**
Thermal			
Melting Temperature	LG Chem. Method	℃	**72**

(1)The properties data in this table are typical values, and not guaranteed specification.
(2) Based on ASTM D1238
(3) Typical resin property values are measured on a standard compression molded specimens
(4) Speed of 500 mm/min.

Processing information

- ES28005 may be processed on conventional equipment.

For additional sales, order and technical assistance

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Storage and handling Recommendations

Ethylene Vinyl Acetate Copolymers are available in free-flowing pelletized form designed for use in conventional polymer fabrication systems.

Ethylene Vinyl Acetate Copolymer storage and handling of these product is extremely important for the products to remain flowable for transport and processing without pellet blocking.

- To prevent pellet blocking
  - To minimize static load, do not double stack pallets.
  - Keeping storage and handling temperature between 10 ~ 25℃.
  - Store the resins in the warehouse to protect from exposure to elevated temperature which is not to exceed 35℃.
  - Consume the resins on a first in, first out basis.

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