

# EC28005

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## Description

High filler loading(Carbon black, Flame retardant agent)  
 Contaminants free  
 Excellent electrical & mechanical property

## Application

Wire & Cable insulation shield /jacket compound

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Properties	Method	Condition	Unit	EC28005
<b>Physical</b>				
VA Contents	LG Method		%	28
Density	ASTM D1505	Density-Gradient	g/cm <sup>3</sup>	0.951
MFI	ASTM D1238	190°C, 2.16kg load	g/10min	5
<b>Mechanical</b>				
Tensile Strength at break point	ASTM D638	50mm/min	kgf/cm <sup>2</sup>	12
Elongation at break point	ASTM D638	500mm/min	%	800
Hardeness(Shore A)	ASTM D2240	Shore A		78
<b>Thermal</b>				
Melting Temperature	LG Method	by DSC	°C	72

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## Note

The properties data in this table are typical values, and not guaranteed specification.  
 Typical resin property values are measured on a standard compression molded specimens.

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

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