



**DongGuan Calvin Plastic & Tech Co.,Ltd**  
Huwei Industrial Area, Changping Town, Dongguan, China 523568  
Tel:86-769-83971461 Fax:0769-83971462

## CALVIN KA-301 PP Compatilizer

**Characterization** KA-301 is a general PP compatilizer, which is semi-transparent granule and has a high melt flow index.

**Applications** KA-301 is an additive aimed to improve the compatibility of PP with glass fiber, filler, inorganic flame retardants and other plastics.

**Property/Advantages** Due to its stable structure, KA-301 has an outstanding performance in improving compatibility and impact strength of PP with glass fiber, filler, inorganic flame retardants and other plastics.

Application Characteristics in PP/GF			
Properties	Unit	PP+GF30%	PP+GF30%+5%(KA-301)
Tensile Strength	MPa	72	84
Flexural Strength	MPa	114	128
Izod Impact Strength	KJ/m <sup>2</sup>	6	10.5
Application Characteristics in PP/Filler			
Properties	Unit	PP+ 20% Filler	PP+ 20% Filler +5%(KA-301)
Tensile Strength	MPa	36	48
Flexural Strength	MPa	66	72
Izod Impact Strength	KJ/m <sup>2</sup>	5	7.5

**Guidelines for use** KA-301 is particularly easy to disperse into PP with glass fiber, filler, inorganic flame retardants when compounded on twin-screw extruders. The use level is recommended to be 3%-5%, or depend on the required performance in a particular matrix.

**Packaging and Storage** 25kg in bag. Keep the products in a cool, well-ventilated area. Guarantee period: 12 months.

