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CALVIN KA-105 Nylon Impact Modifier

Characterization KA-105 is a general purpose impact modifier for PA66, providing an excellent impact resistance, which is semi-transparent granule.

Applications KA-105 is an additive aimed to improve the impact strength of nylon, especially recommended to be used in PA66. It suits well in fuel line, impeller chimney, casing centralizer etc.

Mechanism KA-105 is an impact modifier providing an excellent balance of impact resistance and modulus retention in PA66. The improvement in impact is obtained by POE grafted with MAH.

Property/Advantages Due to its stable structure, KA-105 has an outstanding performance in improving impact strength of PA, especially in PA66.

Application Characteristics in PA66			
Properties	Unit	PA66	PA66+20 %(KA-105)
Tensile Strength	MPa	72	40
Flexural Strength	MPa	90	45
Izod Impact Strength	KJ/m ²	8	75

Guidelines for use KA-105 is particularly easy to disperse into PA66 and in PA66 based blends when compounded on twin-screw extruders. The use level is recommended to be 5%-25%, or depend on the required performance in a particular matrix..

Packaging and Storage 20kg in bag. Keep the products in a cool, well-ventilated area. Guarantee period: 12 months.

