

## Impact Modifier for PA6/PA66 ST-4001

### Product Profile

ST-4001 is a chemically modified polyolefin elastomer. It can be used as a bridge to enhance adhesion and compatibility between polar materials and non-polar materials, and therefore can be used as a good impact modifier and compatilizer. It can promote adhesion between nylon and polyolefin, reinforcing materials and fillers.

### Specification

| Item                   | Unit              | Value     |
|------------------------|-------------------|-----------|
| Density (23℃)          | g/cm <sup>3</sup> | 0.87-0.89 |
| Melt Index (190℃, 5kg) | g/10min           | 0.5-2.0   |
| MAH Content            | %                 | 0.8±0.1   |

### Recommended Dosage

For common GF reinforced or flame-retardant PA6 or PA66: 3-6%.

For super toughening PA6 or PA66: 15-20%.

### Recommended Processing

For PA6 materials, processing temperature: 225-235℃.

For PA66 materials, processing temperature: 255-270℃.

### Package & Storage

20kg/package, transported as common chemicals. Keep in dry, cool place. Storage temperature not exceeds 45℃.