

Impact Modifier for PA ST-4002

Product Profile

ST-4002 is a compatible toughening agent for maleic anhydride grafting POE, has the characteristics of high grafting rate and low odor. It can be used to improve the compatibility of PA/GF, PP/PA materials, giving products excellent processability and mechanical properties.

Specification

Item	Unit	Value
Density (23℃)	g/cm ³	0.87-0.89
Melt Index (190℃, 5kg)	g/10min	1.0-4.0
MAH Content	%	0.9±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℃.