

Technical Data Sheet**PRODUCT NAME: SUN NEPLEX 44000GF****Product Descriptions:**

SUN NEPLEX 44000GF is rubber processing aid cum excellent bonding agent.

Active Advantages:

- ❖ Excellent filler dispersion during the mixing
- ❖ Eliminates flow marks during molding & extrusion process
- ❖ Stabilizes filler particle distribution
- ❖ Improves tensile strength
- ❖ Improves mold release
- ❖ Reduces thickness variation
- ❖ Excellent viscosity control
- ❖ Reduces mixing time
- ❖ Improve elongation and break modulus
- ❖ Increases filler loading
- ❖ Improves surface finish

Basic Properties:

- ❖ Appearance: flakes
- ❖ Specific gravity (ASTM D 792, gm/cc): 0.84
- ❖ Active content : 100%
- ❖ Refractive index (ASTM D 1045-86): 1.465

Recommended Doses:

In general it is used 1 to 6 phr depending application.

Area of Application:

- ❖ Tires and tubes applications
- ❖ Rubber extrusion products
- ❖ Automobile rubber parts
- ❖ Molding applications
- ❖ O-rings and gaskets
- ❖ Rubber sheets

Packing Size:

- ❖ 25 Kg bag

Safety & Handling:

For safe handling must be followed as under:

- ❖ Store the product in a cool and dry place, in its original sealed packaging.
- ❖ Avoid contact with the product, and wear gloves and a mask when handling polymer lumps.
- ❖ In case of skin contact, wash the affected area carefully with acetone and alcohol, and then thoroughly clean with soap and water.
- ❖ In case of eye contact, immediately flush the eyes with running water for 15-20 minutes and seek medical attention from a qualified medical professional.

Storage Conditions:

- ❖ Store the product in a dry location in its original pack with the lid tightly closed, temperature below 44 °C and also protected from direct sunlight.

Disclaimer: All suggestions for use of our recommended products cited here are based on the results of tests carried out in our R&D lab and correct to the best of our knowledge and belief. However, no legal liability can be accepted with respect of such information as we cannot control the application procedures adopted by our users. We suggest having a pilot trial for the users prior to full commercialization of this product.