

Product Introduction

N1-A roving is made with one or more strands of continuous filament glass fiber yarns of single-end rovings after processing them through an air jet. The high-pressure air jet volumizes, curls and coils the strands to make them bulkier with wider coverage. N1-A texturized roving can replace traditional asbestos products and is widely used in pultrusion and weaving for special purposes such as product molding, fire protection, heat insulation and decoration.

Product Description

N1-A texturized roving has a sizing system with a silane coupling agent. It is compatible with unsaturated polyester and vinylester resins.

N1-A roving is especially designed for applications requiring additional reinforcement in the transversal direction: pultrusion of profiles, weaving for shipbuilding, etc.

Packaging

Pallet dimensions

Pallet height, cm (in) 94 (37)

Pallet length, cm (in) 112 (44)

Pallet width, cm (in) 112 (44)

Number of layers: 3

48-roll pallet weight, kg (lb) 336 (741)

64-roll pallet weight, kg (lb) 448 (988)

Customer Benefits

- Good ability to take up complex shapes of profiles by extrusion
- Good surface aspect on composites
- Homogenous structure should allow a normal unwinding of the rovings
- Even glass/resin distribution
- Fast wet-out
- Consistent & stable roving density
- High tensile strength

DoFF dimensions

DoFF height, cm (in) 26 (10)

DoFF weight, kg (lb) 7 (15.4)

DoFF diameter, cm (in) 26 (10)

DoFFs/layer 16

DoFFs/pallet 48 or 64

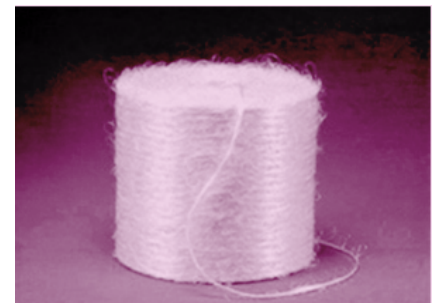
DoFFs are wrapped in plastic bags, then packed in individual cardboard boxes or bulk packed.

Storage

Unless otherwise specified, it is recommended to store glass fiber products in a cool, dry area. Temperature should not exceed 35°C (95°F) and the relative humidity should be kept below 75%. Glass roving products must remain in packaging material until just prior to their use. If these conditions are respected, the glass fiber product should not undergo significant changes when stored for extended periods of time.

Stacking

To ensure safety and avoid damage to the product, skids should not be stacked more than two high.



Product Data

ID Number	Linear Density (NOM TEX)	Yield End Counts (NOM yds/lb)	% Organic Solid (LOI)
N1-060-A	600	827	0.55 ± 0.20
N1-120-A	1200	413	0.55 ± 0.20
N1-200-A	2000	248	0.55 ± 0.20
N1-240-A	2400	207	0.55 ± 0.20
N1-350-A	3500	142	0.55 ± 0.20

ID Number	Filament Diameter (Microns)	% Moisture Content	Compatible Resin
N1-060-A	16	≤ 0.2	UP, VE
N1-120-A	16	≤ 0.2	UP, VE
N1-200-A	16	≤ 0.2	UP, VE
N1-240-A	23	≤ 0.2	UP, VE
N1-350-A	16	≤ 0.2	UP, VE

Disclaimer of Liability

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