



PRODUCT DATA SHEET

POWDER NBR NP-1021

PRODUCT DESCRIPTION:

- NP-1021** is processed through special technics after butadiene and acrylonitrile are copolymerized under low temperature.
- NP-1021** is powder form macromolecule rubber.
- NP-1021** is environmental friendly material. It has passed various measures for SGS Test and does not contain 16P.

PRODUCT CHARACTERISTICS:

- A.** Controls plasticizer from precipitation – can absorb low molecular plasticizers after addition, thereby to reduce or avoid low molecular plasticizers from precipitation
- B.** Environmental friendly — will not cause environmental pollution
- C.** Not harmful to human body – NP-1021 is suitable to use in food and human body contact PVC products industries.

PROPERTIES OF APPLICATIONS:

NP-1021 can provide the following properties to PVC products:

- Heat and low temperature resistance properties
- Oil resistance property
- Increases elongation at break
- Improves compressive deformation properties
- Improves product's rebound resilience
- Low temperature flexibility

APPLICATIONS:

NP-1021 can be used in thermoplastic elastomer materials to fully or partially replace of liquid plasticizer.

• PVC Cables and Wires	• Friction materials etc.
• Auto-mobile & construction use sealant, refrigerator sealant	• Plumbing pipe gasket seal
• Auto-mobile fuel pipe, hosepipe	• Auto mobile dust cover, Mine-use protective cover
• Rubber Conveyer belt, V-belt	• Thin film, leatheroid, banner
• Shoe products (Galoshes and Safety boots)	

NOTE:

Succeed Life Science shall be not liable under any circumstances for misuse of the information of this manual. The data printed herein is correct , however it has been obtained from laboratory work. Preliminary tests must be made with the product in order to set process variables..



Succeed Life Science Pte. Ltd.

61 Tuas View Walk 2, Singapore 637630
Telephone: +65 6898 9909 Fax: + 65 6862 3669



TECHNICAL DATA:

Polymer Name	NP-1021
Method of polymerization	Low temperature polymerization
Acrylonitrile content (%)	30
Mooney Viscosity ML1+4 @100°C	80
Parting agent	Chemicals
Particle size (mesh)	40
Degree of crosslinking	Linear
Specific Gravity	0.98
Stabilizer	Non-pollution
Emulsifier	Aliphatic acid
Appearance	Powder form
Packaging	25KG
Application and Properties	PVC products

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