



PRODUCT DATA SHEET

POWDER NBR NP-3083

PRODUCT DESCRIPTION:

- NP-3083** is processed through special technics after butadiene and acrylonitrile are copolymerized under low temperature.
- NP-3083** is powder form macromolecule rubber.
- NP-3083** 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-3083 is suitable to use in food and human body contact PVC products industries.

PROPERTIES OF APPLICATIONS:

NP-3083 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-3083 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..



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TECHNICAL DATA:

Polymer Name	NP-3083
Method of polymerization	Low temperature polymerization
Acrylonitrile content (%)	33
Mooney Viscosity ML1+4 @100°C	38
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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