



TECHNICAL DATA SHEET

Compound :

NBR-PVC

**Copolymers Butadiene / acrylonitrile + Polyvinyl Chloride
max 60%**

ORIGINAL PROPERTIES : Analysis on supplier laboratory compound

Physical-mechanical properties	Unit of measurement	Requested
Hardness	Shore A	45 ÷ 95
Density	g/cm ³	1,2 ÷ 1,6
Minimum temperature	° C	- 10 ÷ - 15 (- 25) **
Maximum temperature	° C	100

Physical-mechanical characteristics	<i>Very good mechanical properties Resistance to permanent deformation not very high Excellent abrasion resistance Poor rebound elasticity</i>
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Other properties	<i>Good dyeing and excellent color stability Good flame resistance Quite good dielectric properties</i>
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Chemical compatibility	<i>Excellent in contact with:</i> <ul style="list-style-type: none"><i>Oils and mineral, vegetable and animal greases</i><i>- Aliphatic hydrocarbons and fuels **</i><i>- Water **and saline solutions</i><i>- Concentrated alkaline solutions up to 50 ° C</i><i>- Ozone and atmospheric agents</i><i>- Glycols</i>
	<i>Satisfactory in contact with:</i> <ul style="list-style-type: none"><i>Diluted acid solutions</i><i>- Alcohols (except benzyl alcohol)</i>
	<i>Insufficient in contact with:</i> <ul style="list-style-type: none"><i>Ketones and esters</i><i>- Aliphatic hydrocarbons, aromatic and chlorinated</i><i>- Strong concentrated mineral acids</i>

* depending from the types

** with a specific optimal formulation