



NITRIFLEX

POWDER RUBBER - NBR, SBR, XNBR E NBR/PVC

Powder rubber provides all the polymer's advantages in the form of bale/sheet, offering better dispersion, processing and final cost reduction of the compound.

It has been used in vulcanized compounds, as well as plastic modifier (PVC, EVA and ABS).

Table

Types	Partitioning Agent	Partitioning Agent Content (%)	Particles Smaller than 1 mm (%)	Maximum Moisture Content (%)	Acrylonitrile Content (%)	Mooney Viscosity, MML 1+4 @ 100°C	Characteristics and Applications
NBR							
NP 2170	CaCO ₃	12	99	0,7	28	57	Low temperature flexibility and excellent fatigue resistance. E.g.: o-rings, gaskets, hoses, friction material.
NP 2021	CaCO ₃	12	99	0,7	33	47	General use for technical artifacts in need of good resistance against oils and breeze with good processability, plastic modifier. E.g.: printing blankets, flexible laminates, laminates, conveyor belts, o-rings, stamps, gaskets, footwear, expanded artifacts, soled shoe synthetic leather, tiles.
NP 6021	CaCO ₃	12	99	0,7	33	80	Ideal for extruded artifacts in general. E.g.: rolls, printing rolls, hoses and cover laminates, calendered laminates, gaskets, fabric coating and moulded artifacts.
NP 6000	CaCO ₃	12	99	0,7	33	115	Designed for extruded artifacts, low swelling, high traction resistance, excellent deformation under compression. E.g.: printing rolls with low string, gaskets, sheets, rice dehusking roller, friction materials.
NP 2130	CaCO ₃	12	99	0,7	39	57	Elevated resistance against oils and fuels. Excellent mechanical properties E.g.: hoses, sealing rings, gaskets, conveyor belts, adhesives.
NP 1021	CaCO ₃	12	99	0,7	30	80	Designed for calendering an extrusion. Excellent superficial finishing, low shrinkage, low swelling. E.g.: hoses, conveyor belts, adhesives, profiles.
NP 2007	CaCO ₃	12	99	0,7	30	94	Great performance in dynamic applications. E.g.: hoses, cover laminates, belts, friction materials, rice peeler.
NP 3083	CaCO ₃	12	99	0,7	33	38	Excellent stability, low shrinkage, elevated dimensional stability, good mechanical properties, indicated for opaque artifacts. E.g.: PVC shoe, hoses.
NP 2150	CaCO ₃	12	99	0,7	39	88	Excellent resistance against oils and fuels. Good mechanical properties. E.g.: mortar, adhesives, safety soled, friction materials.
NP 2121	PVC	18	99	0,7	33	48	General use for artifacts that need good resistance to oils and grease, good processing and transparency, plastic modifier. E.g.: flexible laminates, expanded artifacts, soles.
NP 6121	PVC	12	99	0,7	33	80	Ideal for general extruded products which need transparency. E.g.: hoses, calendered laminates.
NP 3183NV	PVC	12	99	0,7	33	38	Excellent transparency and stability, low shrinkage, elevated dimensional instability, excellent flow and good mechanical properties. E.g.: electrical cables, calendered laminates, PVC shoe, hoses, profiles.
XNBR							
NPX 2235	Silica + Talc	12	95	2,0	27	48	Excellent abrasion resistance, strength, traction resistance, low temperature flexibility, moderate resistance to oils and solvents. E.g.: rollers for textile industry, cover laminates, safety footwear, flexible circuit boards, friction material, adhesives.
NBR/PVC							
NP 2174	PVC	12	99	0,7	33	68	Applications that need moderate chemical resistance and ozone resistance. E.g.: hoses and belts.
Types	Partitioning Agent	Partitioning Agent Content (%)	Particles Smaller than 1 mm (%)	Maximum Moisture Content (%)	Styrene Content (%)	Mooney Viscosity, MML 1+4 @ 100°C	Characteristics and Applications
SBR							
SB 4022	CaCO ₃	23	99	0,75	23	52	Powdered rubber provides a shorter mixing time, better homogenization and reduction in generating residues. Recommended for soles, adhesives, sealers and molded/injected artifacts.

Packaging

NITRIFLEX Powder Rubbers are supplied in 20-25 kg. boxes, depending on the product, with an internal polyethylene protection, commercialized in pallets totaling approximately 675 kg.