

Nipol® Polyblend DN517SCR

Polyvinyl Chloride + NBR

Zeon Corporation

Message:

Polyblend, a blend of acrylonitrile butadiene rubber (NBR) and polyvinyl chloride (PVC), is itself resistant to ozone without the additions of antioxidants.

Compared with NBR, Polyblend has the following properties.

Improved oil, ozone, and chemical resistance

Better extrudability and calender processability, and improved surface smoothness

Fire resistance

Characteristics & Applications

Improving fuel resistance and low gas permeability.

Oil resistant cable jackets, cords, shoe soles, and hoses other applications requiring good abrasion and ozone resistance.

General Information	
Additive	Antioxidant 2
Features	Antioxidant
	Flame Retardant
	Fuel Resistant
	Good Abrasion Resistance
	Low Gas Permeability
	Oil Resistant
	Ozone Resistant
Uses	Cable Jacketing
	Footwear
	Hose
Processing Method	Calendering
	Extrusion

Physical	Nominal Value	Unit
Specific Gravity	1.10	g/cm ³
Mooney Viscosity	96	MU
Bound Acrylonitrile	46	%

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