

Nipol® IR2200

Polyisoprene

Zeon Chemicals L.P.

Message:

NIPOL POLYISOPRENE ELASTOMERS are similar to natural rubber in structure and properties, exhibiting good inherent tack, high compound gum tensile, good hysteresis and good hot tensile properties. But Nipol also offers ease of processability for improved consistency and quality. Choosing these synthetic polymers means less mechanical work and breakdown are required, mix cycles are shorter and pre-massing can be eliminated when used as a direct replacement for natural rubber. Altogether, Nipol polyisoprene elastomers are ideal for use in tires, camelback, conveyor belts, V-belt, packings, seals, footwear, rubber thread, coated fabrics and other molded and extruded goods.

Special Properties/Applications

Tires, belts, packings, seals, footwear and other extruded and molded mechanical goods. Can be blended with other rubbers such as NR, SBR, BR, etc., and is applicable to transparent and light-color products.

General Information		
Features	Good Processability	
Uses	Belts/Belt Repair	
	Blending	
	Conveyor Parts	
	Fabric Coatings	
	Footwear	
	Seals	
	Tires	
Processing Method	Extrusion	
	Injection Molding	
Physical	Nominal Value	Unit
Specific Gravity	0.908	g/cm ³
Mooney Viscosity	75 to 90	MU
1,4-cis Content	98.0	wt%

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