

## Chemical Resistant Conveyor Belt



### Features

**Preventing** the belt from acid or alkali corrosion.

**Advantages:** Good bonding property, No layers separation, Fine anti-chemical corrosiveness.

**Applications:** Chemical & Fertilizer Factories, Cement Plants, Paper Mill, Mining Industry...

**Carcass:** multi ply EP or NN fabrics

### Technical Indexes

ITEM		Tensile Strength (MPa, $\geq$ )	Elongation at Break (% , $\geq$ )	Abrasion Loss ( $\text{mm}^3, \leq$ )	Hardness (Shore A, +10 -5)	Ozone Deterioration
Physical Property	Before aging	14	400	250	60	no cracks
	After aging	12	340	-	65	-
Acid & Alkali Resistance	Class	Soak Liquid	Density	Soak conditions	Change rate before and after soak	
				$^{\circ}\text{C} \times \text{Hrs}$	Swelling rate	Change rate of tensile strength
	A1	HCl	18%	50 $^{\circ}\text{C} \times 96\text{h}$	$\leq +10\%$	$\leq -10\%$
	A2	H <sub>2</sub> SO <sub>4</sub>	50%	50 $^{\circ}\text{C} \times 96\text{h}$	$\leq +10\%$	$\leq -10\%$
A3	NaOH	48%	50 $^{\circ}\text{C} \times 96\text{h}$	$\leq +10\%$	$\leq -10\%$	