Heat Resistant Conveyor Belt

Features

Conveying high temperature materials, like coke, sinter returns, quick lime, cement material…

Carcass: EP, high modulus low shrinkage EP, steel cord, or IW

Cover Compound: SBR or EPDM

Applications: Grains & Sugar Conveying, Foundries, Cement Industry, Recycling Plants, Steel Industry, Chemical Industry, Power & Petrochemical Industry, Coke Plants, etc..

Key Points: Type of carried material, Shape of carried material, Lump size of carried material, Temperature of carried material, Temperature of belt surface, Belt speed, Length of conveying system, etc.

Standard

Testing	COVER GRADE			
	T1/HR100°C	T2/HR125°C	T3/HR150°C	T4/HR175°C
Hardness (IRHD)				
Difference before and after aging	+20	+20	±20	±20
Maximum value after aging	85	85	85	85
Elongation at break (%)				
Variation in percentage of initial value	-50	-50	-55	-55
Minimum value after aging	200	200	180	180
Tensile Strength (N/mm^2)				
Variation in percentage of initial value	-25	-30	-40	-40
Minimum value after aging	12	10	5	5
Aging Conditions				
Temperature* x Duration	100°C x 168Hrs	125°C x 168Hrs	150°C x 168Hrs	175°C x 96Hrs
Wokring Temperature				
Normal Range	-20°C~+100°C	-20°C~+125°C	-20°C~+150°C	-20°C~+175°C