

SRC-35 BELT

SRC-35 BELT (ABRASION SPECIAL COMPOUND). The use of this **polymer** layer applied to the conveyor belt establishes a new product family that will develop this sector in a very important way. The physical and mechanical properties of the product represent an unprecedented development for conveyor belt cover properties for the toughest applications.

Characteristics such as the cover **abrasion level, tensile strength and elongation at break** are increased to levels beyond those that can be achieved with any type of rubber. These properties allow thinner belts to be used than a standard rubber equivalent whilst improving belt lifetime and offers considerable energy saving potential.

MECHANICAL PROPERTIES

1. Tensile strength DIN 53504: 50MPA
2. Elongation at break DIN 53504: 700%
3. Hardness ISO 868: 85 Methop A
4. Density DIN 53505: 1,2 g/cm³
5. Abrasion DIN 53516: 30mm³
6. Compression SET 72H, 23°C ISO 815: 25%
7. Resilience impact ISO 4662: 42%
8. Tear propagation resistance ISO 31-1: 70 kn/m
9. Temperature range: -30+70 °C



SRC-35 OTHER CHARACTERISTICS

- Oil and fat resistant
- Approval for FDA for food industry.

The manufacturing of belts with **SRC-35 (ABRASION SPECIAL COMPOUND)** is developed according to the application requirements. The belt carcass is usually a standard construction, or can follow the design of the **Cushion Belt**.



The **SRC-35** covers can be applied to just one cover or to both top and bottom covers. Belt dimensions are calculated and matched to the requirements of the **service load, demands of the installation and client request**.
