



Product T357

Sidewall compound

12/04/2022

(Last Updated)

T357 Black side wall compound used over tread sidewall repairing in addition it also has excellent adhesive properties to natural and synthetic rubbers, It provides excellent green strength and is suitable for use with autoclave, open steam, and chemical cures.

TYPICAL PROPERTIES

T357

Composition

A natural rubber compound made with blending polymers, organic compounds and fillers.

Colour

Black

Tensile Strength (MPa)

17-24

Test Method: ASTM D412

Elongation @ Break (%)

>480

Test Method: ASTM D412

Hardness – Shore A

53-63

Test Method: ASTM D2240

Specific Gravity

1.103 +/- (0.15)

Sample Cure 6 Minutes @ 160 °C

Shelf Life

6 months from date of Manufacture

Typical Resistances – Cured Sheet

Condition / Chemical	Rec.	Condition / Chemical	Rec.	Condition / Chemical	Rec.
Maximum Operating Temperature	75 °C	Inorganic Salts / Acidic	R	Hydrocarbon Solvents / >30% Aromatics	x
Alkalis	S	Chlorine Water	X	Hydrocarbon Solvents / 5 -30% Aromatics	x
Acids / Non Oxidising, e.g. HCl	S	Oxidants	R	Hydrocarbon Solvents / 0 -5% Aromatics	x
Acids / Oxidising – Sulphuric up to 40%	x	Hydrocarbon Oils / Paraffinic	X	Chlorinated Solvents	x
Acids / Oxidising – Nitric up to 20%	x	Hydrocarbon Oils / Naphthenic	X	Alcohols	S
Inorganic Salts / Neutral or Alkaline	S	Hydrocarbon Oils / Aromatic	X	Ketones	R

MIXING

N/A

APPLICATION

Any suitable tread sidewall repair application

SAFETY

Before using this product, please refer to the Safety Data Sheet (SDS) for safe use and handling.

LEGEND [Rec. = Recommendation]

S Satisfactory      L Limited      X Not Recommended      R Depends on Chemicals –