



Product G793

Junction compound

12/04/2022

(Last Updated)

G793 Black Junction compound used over rubber to rubber adhesive system for bonding natural rubber and other synthetic rubbers. It provides excellent green strength and is suitable for use with autoclave, open steam, and chemical cures.

TYPICAL PROPERTIES

G793

Composition	A natural rubber compound made with blending polymers, organic compounds and fillers.		
Colour	Black		
Tensile Strength (MPa)	18-26	Test Method:	ASTMD41 2
Elongation @ Break (%)	>500	Test Method:	ASTMD41 2
Hardness – Shore A	45-55	Test Method:	ASTMD2240
Specific Gravity	1.095 +/- (0.15)		
Shelf Life	Sample Cure 8 Minutes @ 160°C 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%	S	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		Ketones	R

MIXING

N/A

APPLICATION

Any suitable tread repair junction 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 –