

Technical Data Sheet

Tyre Tread (TT) Rubber Crumb

(From Tyre buffings)



Introduction:

This is a basic tyre tread (TT) crumb made from the ambient grinding of truck tyre buffings. These are produced when used tyre carcasses are prepared for remoulding. The remains of the tread and shoulder rubber is removed by combination of grinding and shredding (like grating cheese). Great care is taken to make sure the underlying construction (carcase) of the tyre is not damaged. Hence the "buffings" are essentially free from fibre and metal. Even so, our plant incorporates magnetic separation "just in case". The polymer base is a blend of NR and SBR and may contain small amounts of other polymers.

This crumb should be free from all contaminants such as metal, textile and road dirt unlike crumb made from tyre destruction which will contain all these.

Uses:

This crumb can be used in all compounding applications including tyre formulations, general mechanicals, mastics and as a dusting agent. The tyre crumb is available in a range of sizes including 12's mesh, 20's mesh, 30's mesh, 40's mesh, 50's mesh and 60's mesh.

Typical Characteristics:

Product Description			
	Physical State	Fine Particles	
	Colour	Black	
Properties			
	Property	Unit	Value
	Relative Density @ 15°C	g cm ⁻³	1.14 ± 0.02
	Boiling Range	°C	Not applicable.
	Viscosity @ 40°C	mm ² /s (cSt)	Not applicable.
	Vapour Pressure @ 20°C	kPa	Not applicable.
	Solubility in Water		Insoluble
	Autoflammability ignition	°C	> 200

Handling Precautions:

Store in dry conditions and keep away from any sources of heat and ignition.

Health & Safety:

Detailed advice on the Health & Safety aspects of this product is given in the individual product Safety Data Sheet (SDS), available upon request