



Tinna

CRUMB RUBBER

Benefits

Substitutes polymer and carbon black

Cost reducing agent

Low density, improves compound flow

Tinna Crumb is made out of 100 % truck, bus radial tyres which ensures consistent quality of the end product. A highly efficient manufacturing system ensures that Tinna Crumb is free from foreign matter.

Specifications

Grades	Ash	Acetone Extract	Carbon	Specific Gravity	Polymer	Sieve Passing
5 Mesh	6-7%	12-18%	24-32%	1.13-1.15	Natural Rubber	As per ASTM D-5644
10 Mesh	6-7%	12-18%	24-32%	1.13-1.15	Natural Rubber	As per ASTM D-5644
20 Mesh	6-7%	12-18%	24-32%	1.13-1.15	Natural Rubber	As per ASTM D-5644
30 Mesh	6-7%	12-18%	24-32%	1.13-1.15	Natural Rubber	As per ASTM D-5644
40 Mesh	7-8%	12-18%	24-32%	1.13-1.15	Natural Rubber	As per ASTM D-5644
ASTM Method	D297-15	D297-15	D297-15	D1817		D-5644

How to Use

Crumb rubber should be added in the early stage of mixing with natural rubber/virgin polymer to get uniform dispersion/Incorporation of crumb into polymer.

Recommended Dosage

As a flow promoter in mould : 3-7 Phr
As a cost reducing agent : 2- 200 Phr or as required

Product Application Matrix

Industry	Application	Grades		
		5-20 Mesh	30 Mesh	40 Mesh
Tyres	Tyre Tread			
	Tyre Side Wall			.
	Flaps			.
	Solid tyres		.	.
	Cycle Tyre		.	.
Industrial	Conveyer belts		.	.
	Roads (Blending with Bitumen)		.	.
	Hoses & Auto Parts		.	.
	Insulation sheets	.		
	Rubber Lining	.	.	.
	Rubber Reclamation	.	.	.
Consumer	Sheeting/Matting/Rubber Tiles	.	.	
	Playground Surface	.	.	.
	Carpet Backing	.	.	.
	Footwear			.

Why Tinna?



Fully integrated plants deconstruct waste tyres to value added products.



Pan India presence



REACH, PAH & RoHS certified.



Capacity to process 60,000 MT of waste tyres annually.



Zero waste with total environment friendly process.