



TECHNICAL DATA SHEET Rubber Crumb from Truck Tyre Buffings

RUBBER CRUMB DESCRIPTION

Rubbercrumb is a free flowing black crumb produced from recycled rubber material as defined by ASTM D 5603-01 Grades 1, 2, 3, and 4. The rubber crumb is made by ambient grinding of truck tyre buffings recovered from worn truck tyres that are made ready for remoulding. The crumb is a clean product that is prepared in our factory to be essentially free from steel, textile and other non-rubber substances. The polymer represents a blend of NR and SBR and other constituents as indicated in the table below.

SPECIFIED PROPERTIES

Rubber Granulate

Property	Test method	Units	Size	Specification
Particle Size	ASTM D564401	% retained	Smaller than 250 µm	8-25
			355-250µm	46-71
			Larger than 355 µm	8-25
Metal Content	ASTM D5603	%		0.01 max
Textile Content	ASTM D5603	%		0.01 max
Moisture Content	ASTM D1509	%		0.5 max
Polymer Content (natural & synthetic Rubber)	ASTM E 113103 (Pyris 1 TGA)*	%		55 min
		%		
Carbon Black	ASTM E 113103 (Pyris 1 TGA)	% %		25-35
Inorganic Material	ASTM E 113103	%		8 max
SVHC Compounds (PAH)	GCFID f MS	%		<0.1
Specific Gravity	ASTM D 1817	%		1.15 <i>+f-0.03</i>

*Thermogravimetric analyser (Perkin Elmer)

PRODUCT INFORMATION - DRIED SAND RANGE

MICRONS	COARSE % RETAINED	STANDARD % RETAINED	QBA60 % RETAINED	MEDIUM % RETAINED	FINE % RETAINED	PSF % RETAINED	PSF MAX ALLOWANCE
<63				TRACE	0.1	0.4	1'

PRODUCT INFORMATION - VERY FINE SAND

SEIVE SIZE MM	% RETAINED	% RETAINED	% RETAINED	% RETAINED
0.15- 0.053	1.3	1.1	4.4	4.5