



Americas International

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Technical Data Sheet

ZDEC

Zinc diethyldithiocarbamate, ZDC, EZ

CAS No.: 14324-55-1

Manufactured in China

Application

A very fast primary or secondary (ultra) accelerator for natural and synthetic rubber. ZDEC is also a very rapid accelerator for NR and SBR lattices. Additionally it is used as an antioxidant in adhesive systems. Can be used advantageously for dipped, spread, and cast goods. Has less resistance to scorching than ZDMC and shows a slight tendency to premature vulcanization.

Specification

NO	Item	Unit	Form		
			pdr	pdr-d	grs-2mm
1	Appearance	---	White		
2	Initial M.P. (Min)	°C	174.0	173.0	173.0
3	Loss on drying (Max)	%	0.40	0.40	0.40
4	Zn content (Max)	%	17.5-19.0	17.2-18.7	17.2-18.7
5	Residue on 63µm sieve (Max)	%	0.50	0.50	---
6	Residue on 150µm sieve (Max)	%	0.10	0.10	---
7	Oil content	%	--	1.0-2.0	---