

KES

**Test Standard of Organic
Emulsification Accelerating
Agent for Rubber**

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1. Scope of application

This standard shall be applied to the organic emulsification-accelerating agent (Called “emulsification accelerating agent” hereinafter).

2. Kinds

The kinds of accelerating agent are shown in table 1.

Table 1

Kinds	Reference, Chemical name and structure	Molecular weight (M)
DPG	1, 3-Diphen yl Guanidine	211, 27
DOTG	1, 3-Di-O-tolyl Guanidine	239, 32
EU	2-Mercaptoimidazoline(Ethylene Thiour ea)	102, 15
MBT	2-Mercaptobenzothiazole	167, 24
MBTS	Dibenzothiazyl Disulfide	332, 47
CBS	N-Oxydiethylene-2-Benzothiazyl Sulf enamide	264, 40
OBS	N-Oxydiethylene-2-Benzothiazyl Sulf enamide	252, 35

Kinds	Reference, Chemical name and structure	Molecular weight (M)
TMTM	Tetramethylthiur am Monosulfide	208,35
TMTD	Tetramethylthiur am Disulfide	240,41
NaBDC	Sodium di-n-But yldithiocarbamate	227,36
ZnMDC	Zinc Dimethyldithiocarbamate	305,79
ZnEPDC	Zinc Ethyl-Phenyldithiocarbamate	457,99

3. Quality

The qualities of emulsification accelerating agent is tested according to section 5, and satisfy the specification in table 2 and table 3.