

KES

Organic Vulcanizing Agents for Rubber

KES T – L445

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1. Scope of Application

This standard shall be applied to organic vulcanizing agents for rubber
(Hereinafter called as vulcanizing agents).

2. Types

Types of vulcanizing shall follow table 1.

Table 1

Types	Chemical name and chemical structure form	Molecular mass (M)
QO	P-Quinone Dio xime $HO-N=$  $= N-OH$	138.13
BQO	P,P'-Dibenzo yl Quinone Dioxime  -  - O - N =  = N - O -  - 	346.34

3. Quality

Quality of vulcanizing agents should be tested by 5. and be suitable for rule of table 2.

Table 2

Types	Appearance		Separating point °C	Lime powder %	Heating content %	Strainer remains 149µm%
	Color	State				
QO	Thick violet or dark color	Power state	More than 210	Less than 0.50	Less than 0.50	Less than 0.3
BQO	Thin gray violet	Power state	More than 200	Less than 0.50	Less than 0.50	Less than 0.3

4. Sample Collecting Method

Sample collecting method shall conform to (2) of 5 of JIS K 6220
(Testing method of compound for rubber)

5. Testing method

(1) Appearance