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**Rubber compounds, raw rubbers  
and compounding materials — Short  
terms for properties reported in  
certificates of analysis**

*Mélanges de caoutchouc, caoutchoucs bruts et ingrédients de  
mélange — Noms courts pour les propriétés consignées dans les  
certificats d'analyse*



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Published in Switzerland

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ISO 13507 was prepared by Technical Committee ISO/TC 45, *Rubber and rubber products*.



# Rubber compounds, raw rubbers and compounding materials — Short terms for properties reported in certificates of analysis

## 1 Scope

This International Standard provides a list of short terms for analytical characteristics to be used in certificates of analysis for rubber compounds, raw rubbers and compounding materials.

## 2 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

### 2.1

#### common industrial term

one of the usual terms used to describe a characteristic

### 2.2

#### standard short term for certificate of analysis

term for a characteristic as written in the certificate of analysis

## 3 Short terms for analytical characteristics

Table 1 provides a list of the short-terms for analytical characteristics which shall be used in certificates of analysis for rubber compounds, raw rubbers and compounding materials.

**Table 1 — Short terms for analytical characteristics**

Common industrial term	Standard short term for certificates of analysis	Unit
A/O 2246 <sup>a</sup>	A/O 2246	%
Acid number	Acid number	mg KOH/g
Active product content	Active product	% (by mass)
Additive content	Additive	% (by mass)
4 Aminodiphenylamine content	4ADPA content	% (by mass)
Aggregate size distribution (ASD): average aggregate diameter	$D_w$	nm
Aggregate size distribution (ASD): geometric mean aggregate mass	$X_g$	nm
Aggregate size distribution (ASD): most frequent diameter occurrence	$D_{mode}$	nm
Alkalinity (of latex)	Alkalinity (of latex)	% ammonia
Aluminium oxide content	Al <sub>2</sub> O <sub>3</sub> content	% (by mass)
<sup>a</sup> Applicable to latex. <sup>b</sup> 1 mPa·s = 1 cP. <sup>c</sup> Hexadecyl-trimethyl-ammonium bromide (IUPAC name). <sup>d</sup> 1 mN/m = 1 dyn/cm.		