

ISO 9276-5:2005-08 (E)

Representation of results of particle size analysis - Part 5: Methods of calculation relating to particle size analyses using logarithmic normal probability distribution

Contents	Page
Foreword	iv
Introduction	v
1 Scope	1
2 Normative references	1
3 Symbols	1
4 Logarithmic normal probability function	2
5 Special values of a logarithmic normal probability distribution	5
5.1 Complete kth moments	5
5.2 Average particle sizes	5
5.3 Median particle sizes	6
5.4 Horizontal shifts between plotted distribution values	6
5.5 Volume-specific surface area (Sauter diameter)	8
Annex A (informative) Cumulative distribution values of a normal probability distribution	9
Bibliography	12