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Chapter 4 Particles from Internal Combustion Engines - What We Need to Know 1.

Introduction ; 2. Current Test Procedures ; 3. Thermodynamic Paths of Dilution ; 4. Experimental ; 5. Conclusions

Chapter 5 Size Distributions of 3-10 nm Atmospheric Particles: Implications for Nucleation Mechanisms

1. Introduction ; 2. Advances in Instrumentation ; 3. Tropospheric Measurements ; 4. Discussion ; 5. Conclusions

Chapter 6 Photochemical Generation of Secondary Particles in the United Kingdom

Sommario/riassunto

Following the recognition that airborne particulate matter, even at quite modest concentrations, has an adverse effect on human health, there has been an intense research effort to understand the mechanisms and quantify the effects. One feature that has shone through is the important role of ultrafine particles as a contributor to the adverse effects of airborne particles. In this volume, many of the most distinguished researchers in the field provide a state-of-the-art overview of the scientific and medical research on ultrafine particles.

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