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RHEOLOGICAL TEST METHODS FOR QUALITY CONTROL IN ADHESIVE TECHNOLOGY

This presentation provides an overview of rotational-, oscillatory- and capillary rheometric measurements used in quality control to monitor the flow behavior of adhesives during processing, as well as to determine the subsequent application properties of the adhesives, such as the load- and temperature-dependent creep behaviour of hot melts. Specific application cases will be discussed from a rheological perspective using measurement examples.