

Product name: Date of issue:	Biograde[®] C 6509 February 9 th 2012	CL	Version: 1.0 Page 1 / 2		
1. Designation of product, preparation and manufacturer					
1.1 Trade name:	Biograde [®] C 6509 CL				
1.2 Use of product:	Biodegradable compound for injection moulding made partially from renewable resources.				
1.3 Manufacturer:	FKuR Kunststoff GmbH Siemensring 79 D - 47 877 Willich Phone: + 49 (0) 2154 / 92 51-0 Fax: + 49 (0) 2154 / 92 51-51 Mail: info@fkur.com Web: www.fkur.com				
2. Processing conditions for injection moulding					
2.1 Machine equipment:	Standard screw, open nozzle	e			
2.2 Machine settings: 2.3. General advice:	avoid burning (diesel effect) recommended. The flow from effects. Regrind sprues and runners	at high inje it should co can be reu	[%] g pressure and cooling times can be used. To ection speeds venting at the flow path is ontinuously move forward to avoid freezing used at 20 %.		
	We recommend to use cold				
3. Purging advice					
3.1 Before production:	Purge the plastification unit and, if existing, the hot runner with PP, PS or purging compound.				
3.2 During production:	Heat tools and plastificator unit to the recommended temperature. If tool is not filled, increase temperature stepwise. Material has a tendency to burn and therefore needs a constant melt flow.				
3.3 After production:	Purge the plastification unit and, if existing, the hot runner with PP, PS or purging compound.				





Product name:	Biograde [®] C 6509 CL		
Date of issue:	February 9 th 2012	Version: 1.0 Page 2 / 2	
3. Purging advice			
3.4 Important information:	The dwell time of the material inside the machine sorder to lower the risk of pyrolysis.	shall be reduced to a minimum in	
4. Drying conditions and storage			
4.1 General:	Biograde [®] C 6509 CL is a biodegradable plastic based on cellulose. Residual moisture content of more than 0.2 % can result in hydrolysis and evaporation in the injection unit or in condensed moisture on the mould.		
4.2 Drying:	Drying is recommended at 60 °C for a period of 2 - 4 hours. Do not overheat the material and do not dry it longer than recommended.		
4.3 Storage conditions:	It is essential to store the material in a dry and cool place. Opened octabins should be used immediately or adequately resealed to avoid moisture uptake.		
4.4 Storage conditions for finished products:	Finished products made from Biograde [®] should be stored dry and cold. Storage time depends on processing parameters and on cilmate conditions in the respective area. FKuR Kunststoff GmbH cannot give any shelf life guarantees for finished goods. Please notice that the conditions mentioned above depend on experiences of our customers. We recommend that each customer executes individual storage tests according to his product specifications and storage requirements.		

5. Legal notice

5.1 General:

Neither FKuR Kunststoff GmbH nor its marketing affiliates shall be responsible for the use of this information or of any product, method or equipment mentioned. Customers must undertake their own determination of this product's suitability and completeness for their own use, for the protection of the environment, for the health and safety of their employees and purchasers of their products. No warranty is made of the merchantability or fitness of any product, and nothing herein waives any of the seller's conditions of sale.