

RECOMMENDATIONS

Recommendations to plastic converters

More than other polymers, PBS exhibit very different processing and final properties, as a function of its chemical composition (homopolymer, copolymers, branching), and its formulation with other components. A careful selection must also be done on the basis of deliverable D2.7

The second essential point to consider is the quality control of the material regarding its degradation state. In deliverable D2.7, different points are suggested:

- The use of calculation tool to calculate the M_w decrease (material lifetime prediction as a function of initial acidic index, initial M_w , water content, temperature)
- The use of quick test for the qualification of degradation state by a smart material labelling
- Recommendations of best M_w range for the main plastic transformation processes
- Recommendations for appropriate storage conditions.