Biobased, thermoreversibly crosslinked polyesters

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List of publications

Thermally reversible rubber-toughened thermoset networks via Diels–Alder chemistry
R. Araya-Hermosilla, G. Fortunato, A. Pucci, P. Raffa, L. Polgar, A.A. Broekhuis, P. Pourhossein, G.M.R. Lima, M. Beljaars, F. Picchioni
European Polymer Journal, Volume 74, January 2016, Pages 229–240

Bio-based aromatic polyesters reversibly crosslinked via Diels-Alder reaction
M.Beljaars, H.J.Heeres, L.Mevius, A.A.Broekhuis, F.Picchioni
Submitted to European Polymer Journal

The effect of molecular weight on the (re)-processability and material properties of bio-based, thermoreversibly cross-linked polyesters
M.Beljaars, H.J.Heeres, A.Kamphuis, A.A.Broekhuis, F.Picchioni
Submitted to Polymer

Enhancing the impact properties of two Diels-Alder functionalized polymers trough blending
M.Beljaars, H.J.Heeres, G.Fortunato, L.M.Polgar, R.Araya-Hermosilla, A.A.Broekhuis, F.Picchioni
Submitted to Journal of Applied Polymer Science

The influence of amount and type of crosslinker on thermal and mechanical properties of a thermoreversibly crosslinked biobased polyester. M.Beljaars, H.J.Heeres, A.A.Broekhuis, F.Picchioni
In preparation