

Materials List for:

The Preparation and Properties of Thermo-reversibly Cross-linked Rubber Via Diels-Alder Chemistry

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Materials

Name	Company	Catalog Number	Comments
ENB-EPDM	LANXESS Elastomers B.V.	Keltan 8550C	
EPM-g-MA	LANXESS Elastomers B.V.	Keltan DE5005	Vacuum oven for one hour at 175 °C
furfurylamine	Sigma-Aldrich	F20009	Freshly distilled before use
di-dodecylamine	Sigma-Aldrich	36784	
maleic anhydride	Sigma-Aldrich	M0357	
octadecyl-1-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate	Sigma-Aldrich	367079	
bis(tert-butylperoxy-iso-propyl)benzene	Sigma-Aldrich	531685	
tetrahydrofuran	Sigma-Aldrich	401757	
decalin	Sigma-Aldrich	294772	
acetone	Sigma-Aldrich	320110	