

# APPENDICES

**APPENDIX A:** DSC spectra for reagents and additives synthesised

**APPENDIX B:** UV spectra for additives synthesised

**APPENDIX C:** DSC/TGA traces for additives synthesised

**APPENDIX D:** DSC OIT scans

**APPENDIX E:** Table E1: Measured Carbonyl Indices for weathered LDPE film samples

Table E2: Measured Carbonyl Indices for weathered Polypropylene film samples