

ABSTRACT
PROCESS FOR MODIFYING A POLYOLEFIN

This invention relates to a process for modifying a polyolefin having 10 to 120 carbon atoms and in which the unsaturated groups are predominantly of the vinylidene type ($=CH_2$) said process comprising bringing the polyolefin into contact with a generator of carbenes or of nitrenes in an addition reaction in order to enable the carbenes or the nitrenes to add across the vinylidene unsaturation of the polyolefin. The products can be used as lubricating oil and fuel additives.