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(54) Title: WETTABLE POLYOLEFIN FIBERS AND FABRICS

(57) Abstract: Polyolefin woven and nonwoven fibers, filaments and fabrics made therefrom which comprise a melt blend which comprises (a) a polyolefin; and (b) at least one compound of the formula (I), wherein R<sub>1</sub> is a straight or branched chain alkyl of 22 to 40 carbon atoms and the hydrophilic oligomer is a homo- or co-oligomer consisting of between 2 and 10 monomer units derived from monomers selected from the group consisting of ethylene oxide, propylene oxide, ethylene glycol, propylene glycol, epichlorhydrin, acrylic acid, methacrylic acid, ethylene imine, caprolactone, vinyl alcohol and vinyl acetate; exhibit excellent durable wettability. The fabrics are useful in disposable diapers, training pants, feminine napkins, tampons, incontinence care products, wet and dry wipes, wound dressings, surgical capes, filter medial, battery separators and the like.



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