

Title (en)
SPUN YARN COMPRISING POLYESTER STAPLE FIBRE AND FABRIC COMPRISING THE SAME

Title (de)
GESPONNENES GARN MIT POLYESTERSTAPELFASER UND DARAUS HERGESTELLTES GEWEBE

Title (fr)
FILÉ COMPRENANT UNE FIBRE DISCONTINUE DE POLYESTER ET TISSU LE COMPRENANT

Publication
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Application
EP 19746554 A 20190626

Priority

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- US 2019039183 W 20190626

Abstract (en)
[origin: WO2020006043A1] Disclosed herein are spun yarns comprising melt spun staple fiber comprising a first polymer and a second polymer, wherein the first polymer comprises poly(trimethylene terephthalate) or poly(butylene terephthalate) and the second polymer comprises poly(ethylene terephthalate) or Co-PET, wherein Co-PET is a poly(ethylene terephthalate) copolymer comprising isophthalic acid monomer; and wherein the first polymer comprises poly(trimethylene terephthalate) and the weight ratio of the poly(trimethylene terephthalate) to the second polymer is in the range of from about 80:20 to about 10:90; or the the first polymer comprises poly(butylene terephthalate) and the weight ratio of the poly(butylene terephthalate) to the second polymer is in the range of about 90:10 to about 10:90. The spun yarn may further comprise a second staple fiber such as cotton or wool. The spun yarn is useful in preparing fabrics having advantageous properties.

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