(a) Static particles (b) Particle stratification (c) Particle agglomeration

3 ea

| 3 ea | | |

(a) Sintering pattern with plasticizer added

(b) Sintering pattern without plasticizer added

(a) Without pretreatment

(b) With uniform dispersion after pretreatment

Adsorption quantity/%
Equilibrium concentrations/(mg·mL⁻¹)
Propandioic acid (n_c=3)
Adipic acid (n_c=6)
Azelaic acid (n_c=9)
Propandioic acid Fit (n_c=3)
Adipic acid Fit (n_c=6)
Azelaic acid Fit (n_c=9)
Maximum adsorption capacity/%
Number of carbon

(a) (b)

Bipolar gradation
Granule
Single particle size
Three pole gradation

Before grading
After grading
Bending strength/MPa
0
40
80
120
40
50
60
70
Solid loading/%

(a) 45% (volume fraction) [41]

(b) 65% (volume fraction) [43]

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ᴄʜᴀᴘᴛᴇʀ ᴏɴᴇ ᴛᴡᴏ ᴛʜʀᴇᴇ ᴄᴏᴍᴍᴜɴɪᴛʏ ᴀᴄᴛᴉᴏɴ ᴀᴄʀᴏꜱꜱ ᴛʜᴇ ᴅᴀʏ ᴀᴛ ᴛʜᴇ ᴍᴀʀᴋᴇᴛ ᴘᴀᴄᴋᴀɢ

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