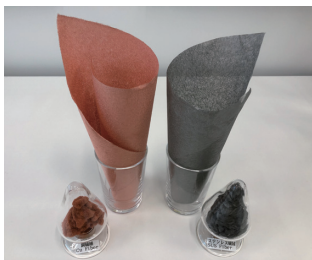


# 機能性材料の 特性を活かしてシート化

Sheeting by utilizing functional material properties

## 木材パルプ以外の繊維をシートに Non-wood pulp fibers into sheets

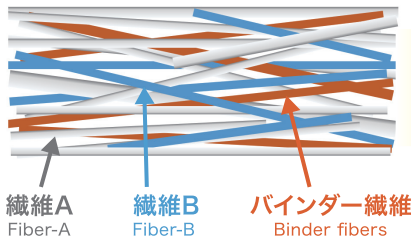
▶ 金属、セラミックなどの繊維をシート化  
Sheeting fibers of metal and ceramic etc.



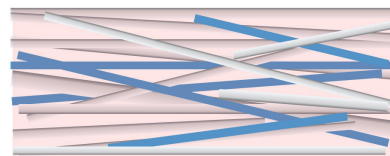
▶ 黒色など、有色繊維もシート化可能  
Sheeting colored fibers such as black



## 複数の機能性繊維をひとつのシートに Multiple functional fibers into one sheet



熱処理  
Heat treatment

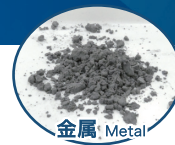


バインダー繊維が他の繊維を繋ぐ  
Bonding fibers with binder fibers

## 粉体をシートに Powder into sheets

▶ 粉体の機能・特性を活かせる  
Utilizing the functions and characteristics of powder

▶ 高比率での粉体の担持  
(高充填)が可能  
Achievable high ratio of powder holding



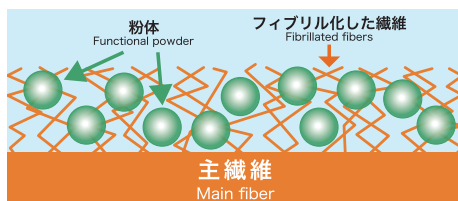
金属 Metal



鉱物 Mineral

### 当社の抄紙方式 Paper Making Method

粉体表面を覆うことなく、90%以上保持も可能(重量比)  
90% or more can be retained (weight ratio) and the powder surface is uncovered



### 一般的な方式 General Method

バインダーが粉体表面を覆い、粉体の性能を抑制  
Binder covers the powder surface and suppresses powder performance

