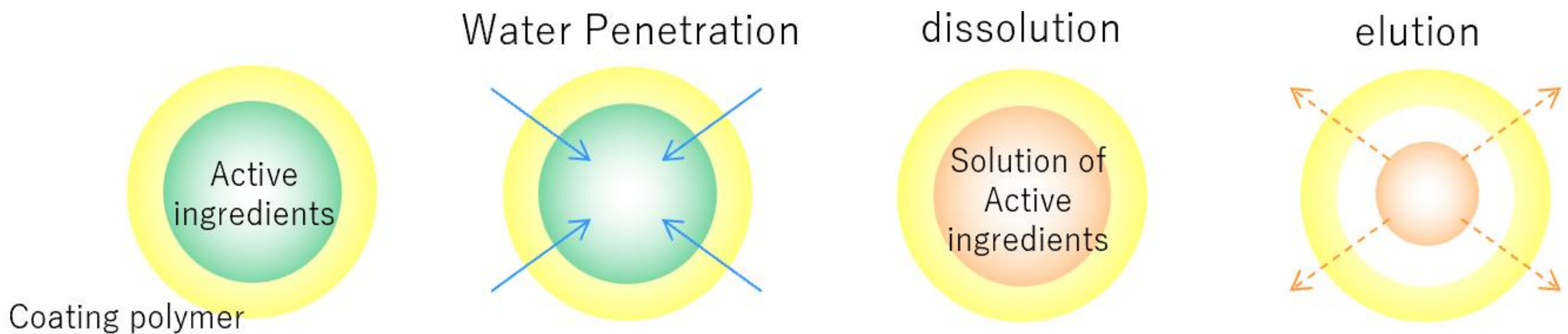


Water-permeable polymer for Controlled Release Fertilizers (CRF)

What is CRF



By coating the surface of active ingredients, slowly penetrating water, thereby controlling the leaching of the components

Our SANAGUREX Function



Solvent-free two-component curable polyurethane resin has

- Excellent release properties
- Approx. 60% biomass ratio
- Solvent free system
- Tack free coatings

◆ Typical properties and characteristics

Table 1. Typical Properties

Inspection item	Unit	SANAGUREX A	SANAGUREX B
Appearance	-	Yellow liquid	Brown liquid
Viscosity	mPa · s/25°C	800	210
Hydroxyl Value	-	190	-
NCO Content	%	-	31.0

Table 2. Typical Characteristics

Item	Unit	Characteristics
Blend ratio (parts by weight)	-	A/B=70/30
Mixed viscosity (*1)	Pa · s	0.5
Available time (*2)	min	5
Durometer (Type D)	-	D/73/1

(*1) Viscosity after mixing a total of 100g of A and B at 25°C for 1 minute
(Ambient temperature: 25°C)

(*2) Elapsed time from the start of mixing until the viscosity reaches 10 Pa · s