

# KYNAR® PVDF WATER FILTRATION MEMBRANE CASE STUDY

KYNAR® MG15 FOR SURFACE WATER  
TREATMENT

South Azerbaijan  
Greenhouse Facility

Membrane Partner  
Akkim  
[www.akkim.com.tr](http://www.akkim.com.tr)

**ARKEMA**  
INNOVATIVE CHEMISTRY

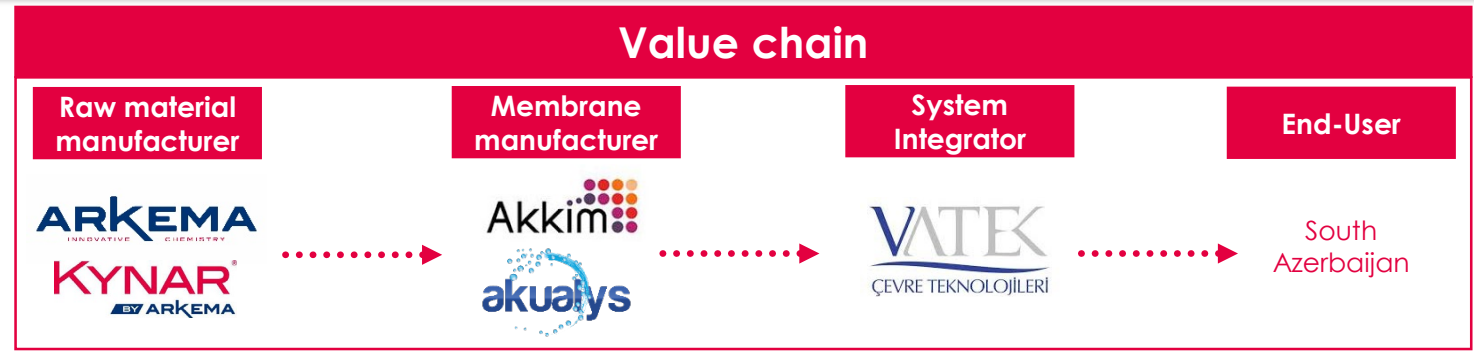
# KYNAR® MG15 FOR SURFACE WATER TREATMENT

South Azerbaijan  
Greenhouse facility



## Key facts about South Azerbaijan Greenhouse facility

- South Azerbaijan / Greenhouse facility was used to treat 9,600 cubic meters of river water that needs process water daily
- UF modules have been established to produce process water for facility



Feed Water:  
Turbidity <30 NTU  
TSS <80 mg/L  
TOC <5 mg/L

Application:  
Greenhouse process water

CIP:  
Expected frequency  
once a year



**KYNAR® G150\***  
BY ARKEMA

Flux: 70 l/m<sup>2</sup>h

Capacity: 400 m<sup>3</sup>/h

Backwash:  
Low Chemical consumption  
Caustic & Acid & Chlorine

# ARKEMA

INNOVATIVE CHEMISTRY

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