

**DOWEX™ UPCORE™ IF-62**

An Inert Resin Specifically Designed for the UPCORE Packed Bed Counter-Current Regeneration System

Product	Type	Matrix	Functional group
DOWEX™ UPCORE™ IF-62	Inert	Polyethylene	None

Typical Physical and Chemical Properties

Particle size range	mm	2.5 - 4.0
Particle density	g/mL	0.96
Shipping weight**	g/L	620
	lbs/ft ³	38

**Recommended
Operating
Conditions**

- Maximum operating temperature 110°C (230°F)
- pH range 0 - 14
- Bed depth, min. 150 mm (6 in)
- Flow rates 5 - 60 m/h (2 - 24 gpm/ft²)

**Typical properties
and applications**

DOWEX™ UPCORE™ IF-62 inert resin is supplied in spherical form. Its particle size is specifically selected for use in the UPCORE packed bed counter-current regeneration system. DOWEX UPCORE IF-62 resin has a density less than water which ensures it stays above the ion exchange resin bed.

During compaction and regeneration, DOWEX UPCORE IF-62 resin allows dirt and resin fragments to pass through while retaining the resin bed which protects the collector system against blockage.

Packaging

25 liter bags

** As per the backwashed and settled density of the resin, determined by ASTM D-2187.

Warning: Oxidizing agents such as nitric acid attack organic ion exchange resins under certain conditions. This could lead to anything from slight resin degradation to a violent exothermic reaction (explosion). Before using strong oxidizing agents, consult sources knowledgeable in handling such materials.

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