

viscoSTAR

Solid state polycondensation plant for **iV increase and decontamination** of polyester pellets and/or flakes to be used after a pelletizing extruder, stand alone, or in front of a production extruder.

BENEFITS

- Fast iV increase
- Consistent and adjustable iV
- Decontamination time
- Continuous output
- Superior color values
- Low AA values



viscotec
foodgrade without compromise

viscoSTAR



Model		120	150	200	250	350
Max. output with pellets ¹	[kg/h]	1600	2000	2400	3200	3200
Max. output with flakes ²	[kg/h]	1200	1600	2000	-	-
Net volume of reactor	[m ³]	12	15	20	25	35
Equipment height	[m]	11.3	12.5	14.5	14.7	16.2
Floorspace	[m]	8 x 8	8 x 8	8 x 8	11 x 9	11 x 9
High-vacuum system	[mbar]			≤ 10		
Energy consumption	[kWh/kg]			0.06–0.15		
iV increase pellets/flakes	[dl/g/h]			0.01–0.04		
Food grade according to		EFSA, FDA, brand owner approvals				

Above table represents general technical data and average values, which depend on chemical composition, contamination, pelletizing, etc. of the pellets/flakes. Guaranteed values only after trial with customer material. The calculated electrical power rate refers only to the reactor and periphery of the reactor and depends on the output rate. We reserve the right of technical modifications.

¹ 6 h residence time
² 3 h residence time

- 01 stand alone
- 02 in combination with recycling extruder
- 03 in front of production extruder

