

Producer: Cires / Portugal

## VICIR S 1000S

### Description:

**VICIR S 1000S** is a vinyl chloride homopolymer produced by the suspension polymerization process.

### Applications:

**VICIR S 1000S** is specially recommended for the manufacture of rigid products, namely for the extrusion of high pressure pipes and profiles.

### Properties:

**VICIR S 1000S** is a high molecular weight resin, with very high bulk density, very low fish-eyes level and very narrow particle size distribution. Dry blends produced with it have very good free-flowing properties. Due to its high bulk density, it allows for higher output rates, therefore resulting into productivity gains. **VICIR S 1000S** has a high intrinsic thermal stability and a very good initial colour.

PROPERTIES	UNITS	REFERENCE METHOD	VALUE*
K-Value	-	ISO 1628-2	ca. 67
Bulk Density	g/cm <sup>3</sup>	ISO 60	ca. 0.57
Particle Size Distribution		ISO 13320-1	
D > 250µm	%		Max. 10
D < 63µm	%		Max. 5
Volatile Matters	%	ISO 1269	Max. 0.3
Residual Monomer	ppm	ASTM D 3749	Max. 1

\* The values indicated typify the means obtained from quality control, based on large number of individual results, with a statistical distribution within the normal production tolerances.