



POLYVINYL CHLORIDE

VICIR S 1000S

Producer: Cires / Portugal

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	TEST METHOD	VALUE *
K value	-	ISO 1628-2	66 - 68
Bulk Density	g/cm ³	ISO 60	0.53 - 0.61
Particle Size Distribution		ISO 13320-1	
<i>D > 250 μm</i>	%		Max. 10
<i>D < 63 μm</i>	%		Max. 5
Volatile Matters	%	ISO 1269	Max. 0.3
Residual Monomer	ppm	ISO 24538	Max. 1

* The values indicated typify the means obtained from quality control, based on large number of individual results,

Packaging, Distribution and Storage: **VICIR S 1000S** is available in 25 kg multi-ply paper bags as well as in flexible containers (FIBC's) of ca. 750 or 1000 kg and bulk road tankers. The product should be transported and stored in a dry environment at normal climate.