



VICIR S 950

Description

VICIR S 950 is a vinyl chloride homopolymer produced by the suspension polymerization process.

Applications

VICIR S 950 was developed specially for the manufacture of rigid products and outdoor applications, particularly the extrusion of profiles for venetian blinds, electrical pipes and window profiles.

Properties

VICIR S 950 is a medium-high molecular weight resin, with high bulk density, very low fish-eyes level and very narrow particle size distribution.

Due to its high density, it allows for higher output rates, therefore resulting into productivity gains.

This resin is also porous and has very good fusion properties that allow for better melt homogeneity and for good final properties of the profiles.

The particle size of this resin is responsible for good free-flowing property.

TYPICAL VALUES

Property	Unit	Reference Method	Value*
K value	-	ISO 1628-2	ca. 66
Bulk Density	g/cm ³	ISO 60	ca. 0.56
Particle Size Distribution		ISO 13320-1	
D > 250 µm	%		Max. 10
D < 63 µm	%		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.