

# TECHNICAL DATA SHEET

Commercial product name	<b>ECOVINYL® White-32/45</b>
Product description	Rigid granulate based on PVC
Stabilization	Calcium / Zink
Application	Extrusion of technical profiles

Property		Test method	Unit	Value
Density		PN-EN ISO 1183-3 : 2003	g/cm <sup>3</sup>	1,58 ÷ 1,62
Bulk density		PN-ISO 60: 1998/Ap1:2001	g/cm <sup>3</sup>	0,910 ÷ 0,950
Charpy – impact strength		PN EN ISO 179-1/1eC:2004 (impact testing machine 4J)	kJ/m <sup>2</sup>	2,1 C*
Hardness according to Shore		PN-ENISO 868 : 2005	ShD	82 ± 2
Vicat – softening point		PN-EN ISO 306 : 2006	°C	87 ± 2
Heat stability in 200°C		PN-C-89265-4 : 1998	min	20
Flammability according to UL 94		PN-EN 60695-11-10/A1:2005 (according to B method)	Grade of flammability	V-0
Melt flow index (MFI)	Mass (MFR)	PN-EN ISO 1133: 2006; (temp. 190°C; load 21,6kg)	g/10min	5,73
	Volumetric (MVR)		cm <sup>3</sup> /10min	3,84
Colour	ΔL	DIN 6174	-	± 0,7
	Δa			± 0,7
	Δb			± 0,7

\* Charpy impact test – from material not from final product

Packing	25 kg bags, 500/1200 kg big – bags
Storage	Time of storage to 12 months in closed storage rooms, air humidity 50 ± 30 %, ambient temperature 20 ± 10°C, on condition that stored material will be protected against sunlight