



Technical Data Sheet

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ER 459/0900/AA

**PVC COMPOUND
BENVIC®**

GENERAL CHARACTERISTICS

Finish	medium glossy
Form	Pellets
Colour	Black
Use	Outdoor
Specific application	Profile for building finishing
Stabilizer	Calcium-zinc
Transparency	Opaque
Process	Extrusion
Type of formulation	Unplasticized

CONFORMITY

CHARACTERISTICS	METHOD	VALUE
PHYSICAL CHARACTERISTICS		
Density (Kg/dm ³)	ISO 1183-1	1,550
Bulk density (Kg/dm ³) :	ISO 60	0,840
Vicat point (°C) :	ISO306/B50	79,00
COLOUR		
L* value (10°)	ISO 18314-1 :2015	27,00
a* value (10°)	ISO 18314-1 :2015	-0,10
b* value (10°)	ISO 18314-1 :2015	-0,80
MECHANICAL PROPERTIES		
Flexural E modulus (MPa)	ISO 178	3500
Charpy impact strength 1eA 23°C KJ/m ²	ISO179/1EA	9,00
THERMAL PROPERTIES		
Radiation panel test classification	NFP92-501	M2 Indicative
UL 94 classification	UL 94	V 0 at 2 mm
THERMOMECHANICAL PROPERTIES		
Coefficient of linear thermal expansion (K-1)	ISO11359	0,000055

ENVIRONMENT / RECYCLING

The compound can be recycled according to the usual methods used for PVC-based profiles (collection, internal recycling after grinding, other ...). The recycling conditions and the impact on the final characteristics must be tested beforehand.

Technical and Marketing assistance: In response to market demand , BENVIC SAS is pursuing a policy of research and development aimed at continuous improvement of its products, adapting them to new ways of processing and adjusting their consistency with the requirements technical applications of its customers. Do not hesitate to contact BENVIC SAS for any information on BENVIC range or to find a solution for specific matters.

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