



Arcoplen **ECO** SI 60 V30 black

**Product description**

PP homopolymer compound 30% glass fiber reinforced chemically coupled, recycled quality. Black color. Injection moulding grade. PSV certified.

Properties	Unit	Value	Conditions	Method
Physical				
Melt flow index	g/10min	10	230 °C 2,16 Kg	ISO 1133
Density	g/cm ³	1,13	-	ISO 1183
Filled	%	30	-	Internal
Mechanical				
Notched Izod impact strength	kJ/m ²	17	+ 23 °C	ISO 180/B
Tensile strength at yield	MPa	30	-	ISO 527
Tensile strength at break	MPa	28	-	ISO 527-2
Tensile modulus	MPa	5800	-	ISO 527-2/1A
Flexural modulus	MPa	5400	-	ISO 178
Thermal				
Vicat softening temperature (Vicat B)	°C	n.d.	50 °C/h – 50 N	ISO 306
Heat Deflection Temperature HDT	°C	n.d.	1,820 MPa	ISO 75-2
Melting point / glass transition temperature	°C	160	-	DSC
Flammability				
Fire behavior / Thickness 0,8 mm	Class	HB	-	UL94
Recycled Content				
Recycled material content (100% post industrial)	%	60	-	-

Process conditions

Melt temperature:	200 - 230 °C
Mould temperature:	50 - 70 °C
Drying process:	2 hours at 70-90 °C
Mold shrinkage	0,5 - 0,8 %

Storage

The product should be stored in dry conditions at temperatures below 50°C and protected from UV-light. An unsuitable storage can have negative effects on the physical properties of this product.

The information contained in this document has given in good faith based on our current knowledge. It is only an indication and it is in no way binding; therefore have no formal guarantee of validity.

Arcoplen® is an Arcopolimeri s.r.l. registered trademark

Arcopolimeri srl

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Certificato n° 3192/2024

Scopo <i>Scope</i>	Commercializzazione di materiali certificati PSV Marketing of PSV certified materials
Gamma di prodotti <i>Range of products</i>	vedere allegato / see annex
Nome commerciale <i>Trade name</i>	vedere allegato / see annex
Produttore <i>Manufacturer</i>	ARCOPOLIMERI SRL
Sede legale <i>Head office</i>	VIA GALILEO GALILEI, 10/12 — 35012 CAMPOSAMPIETRO (PD)
Sito produttivo <i>Production site</i>	VIA GALILEO GALILEI, 10/12 — 35012 CAMPOSAMPIETRO (PD)

IIP Srl certifica che i prodotti sopra elencati ottenuti dall'impiego di materiali da riciclo sono conformi ai requisiti specificati nel Regolamento di certificazione "Plastica Seconda Vita" Ed. 2 rev. 1 del 10/2022, che include il rispetto dei requisiti della norma EN 15343:2007.

Il produttore, sottoposto a sorveglianza continua da parte di IIP Srl, è quindi autorizzato ad apporre sui prodotti certificati il marchio "Plastica Seconda Vita" PSV/SI con numero distintivo **5723** ed utilizzarlo in conformità alle prescrizioni del Regolamento per l'uso del marchio PSV Ed. 2 rev. 5 del 10/2022.

Il presente certificato di conformità è valido, salvo modifica, sospensione o revoca, fino al **20/11/2027**.

IIP Srl certifies that the above listed products obtained from the use of recycled materials comply with the requirements specified in the "Rules for the PSV certification" ed. 2 rev. 1 issued 10/2022, that includes the compliance with EN 15343:2007 requirements.

*The Manufacturer, which is subjected to continuous surveillance by IIP Srl, is so entitled to put on the certified products the "Plastica Seconda Vita" PSV/SI mark with the distinctive number **5723** and to use it in compliance with the "Rules for the use of PSV mark" ed. 2 rev. 5 issued 10/2022.*

*This certificate of conformity is valid, unless modification, suspension or revocation, until **20/11/2027**.*

Prima emissione **21/11/2024**
First issue

Emissione corrente **21/11/2024**
Current issue

Scadenza **20/11/2027**
Expiry



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PRD N° 0006PRD

Membro degli Accordi di Mutuo
Riconoscimento EA, IAF e ILAC

IIP Srl

L'Amministratore Delegato
(Mauro La Ciamera)

