



Product Portfolio

Revision 10



sunpor® STD

PRODUCT	Flame retardant	Typical granulate diameter	Density range	Pentane content (at time of packaging)	Water content (at time of packaging)
> sunpor® A243	no	1.0 - 1.6 mm	9 - 15 kg/m ³	≈ 6.2 % by wt.	< 0.4 % by wt.
> sunpor® A321	no	0.7 - 1.1 mm	15 - 30 kg/m ³	≈ 6.2 % by wt.	< 0.4 % by wt.
> sunpor® A323	no	0.7 - 1.1 mm	15 - 60 kg/m ³	≈ 6.2 % by wt.	< 0.4 % by wt.
> sunpor® A422	no	0.3 - 0.8 mm	18 - 30 kg/m ³	≈ 6.1 % by wt.	< 0.4 % by wt.
> sunpor® A423	no	0.3 - 0.8 mm	18 - 60 kg/m ³	≈ 6.1 % by wt.	< 0.4 % by wt.

from the product group „more than EPS“

> powerpor® 2	no	1.0 - 1.6 mm	13 - 30 kg/m ³	≈ 6.2 % by wt.	< 0.4 % by wt.
> powerpor® 3	no	0.7 - 1.1 mm	18 - 30 kg/m ³	≈ 6.3 % by wt.	< 0.4 % by wt.

sunpor® SE

PRODUCT	Flame retardant	Typical granulate diameter	Density range	Pentane content (at time of packaging)	Water content (at time of packaging)
> sunpor® A145	yes	1.85 - 2.5 mm	8 - 14 kg/m³	≈ 6.1 % by wt.	< 0.4 % by wt.
> sunpor® A245	yes	1.0 - 1.85 mm	14 - 20 kg/m³	≈ 6.3 % by wt.	< 0.4 % by wt.
> sunpor® A355	yes	0.6 - 1.1 mm	15 - 25 kg/m³	≈ 6.2 % by wt.	< 0.4 % by wt.
> sunpor® A415	yes	0.3 - 0.8 mm	12 - 18 kg/m³	≈ 5.8 % by wt.	< 0.4 % by wt.
> sunpor® A452	yes	0.3 - 0.8 mm	18 - 30 kg/m³	≈ 5.8 % by wt.	< 0.4 % by wt.

from the product group „more than EPS“

> terrapor® 3 white	yes	0.6 - 1.1 mm	20 - 40 kg/m³	≈ 6.1 % by wt.	< 0.4 % by wt.
> terrapor® 3 blue	yes	0.6 - 1.1 mm	20 - 40 kg/m³	≈ 6.1 % by wt.	< 0.4 % by wt.
> terrapor® 3 green	yes	0.6 - 1.1 mm	20 - 40 kg/m³	≈ 6.1 % by wt.	< 0.4 % by wt.
> terrapor® 3 pink	yes	0.6 - 1.1 mm	20 - 40 kg/m³	≈ 6.1 % by wt.	< 0.4 % by wt.
> terrapor® 3 anthracite	yes	0.6 - 1.1 mm	20 - 40 kg/m³	≈ 6.1 % by wt.	< 0.4 % by wt.
> terrapor® 3 yellow	yes	0.6 - 1.1 mm	20 - 40 kg/m³	≈ 6.1 % by wt.	< 0.4 % by wt.
> terrapor® 4	yes	0.3 - 0.8 mm	22 - 40 kg/m³	≈ 5.8 % by wt.	< 0.4 % by wt.
> roofpor® white	yes	0.6 - 1.1 mm	25 - 35 kg/m³	≈ 6.2 % by wt.	< 0.4 % by wt.
> roofpor® blue	yes	0.6 - 1.1 mm	25 - 35 kg/m³	≈ 6.2 % by wt.	< 0.4 % by wt.
> roofpor® green	yes	0.6 - 1.1 mm	25 - 35 kg/m³	≈ 6.2 % by wt.	< 0.4 % by wt.

lambdapor®

PRODUCT	Flame retardant	Insulation performance	Typical granulate diameter	Density range	Pentane content (at time of packaging)	Water content (at time of packaging)
> lambdapor® 750 gen2	yes	●●	1.1 - 1.8 mm	11 - 18 kg/m³	≈ 5.5 % by wt.	< 0.3 % by wt.
> lambdapor® 750 premium gen2	yes	●●●	1.1 - 1.8 mm	11 - 18 kg/m³	≈ 5.5 % by wt.	< 0.3 % by wt.
> lambdapor® 753 premium gen2	yes	●●●	0.7 - 1.3 mm	11 - 25 kg/m³	≈ 5.5 % by wt.	< 0.3 % by wt.
> lambdapor® 753	yes	●●	0.7 - 1.3 mm	11 - 30 kg/m³	> 5.0 % by wt.	< 0.3 % by wt.
> lambdapor® 753 premium	yes	●●●	0.7 - 1.3 mm	11 - 25 kg/m³	> 5.0 % by wt.	< 0.3 % by wt.
> lambdapor® roof	yes	●●	0.7 - 1.3 mm	25 - 35 kg/m³	≈ 5.6 % by wt.	< 0.3 % by wt.
> lambdapor® 750 STD premium	no	●●●	1.1 - 1.8 mm	11 - 18 kg/m³	≈ 5.9 % by wt.	< 0.3 % by wt.

from the product group „more circularity“



PRODUCT	Recycled EPS	Flame retardant	Insulation performance	Typical granulate diameter	Density range	Pentane content (at time of packaging)	Water content (at time of packaging)
> lambdapor® 750 R15	15 % by wt.	yes	●●	1.1 - 1.8 mm	13 - 20 kg/m³	> 5.0 % by wt.	< 0.3 % by wt.

suncolor® helmet grades

PRODUCT	Number	Granular form	Typical granulate diameter	Density range	Pentane content (at time of packaging)	Water content (at time of packaging)
> suncolor® exquisit	778	cylindrical	Ø: 0.8 mm L: 1.5 mm	20 - 120 kg/m³	> 5.0 % by wt.	< 0.3 % by wt.
> suncolor® protect	768	cylindrical	Ø: 0.8 mm L: 1.5 mm	40 - 120 kg/m³	> 4.5 % by wt.	< 0.3 % by wt.
> suncolor® protect micro	768xu	spherical	0.6 - 1.2 mm	20 - 120 kg/m³	> 4.5 % by wt.	< 0.3 % by wt.
> suncolor® superfusion	788	cylindrical	Ø: 0.8 mm L: 1.5 mm	20 - 120 kg/m³	> 5.0 % by wt.	< 0.3 % by wt.

from the product group „more circularity“



PRODUCT	Recycled EPS	Granular form	Typical granulate diameter	Density range	Pentane content (at time of packaging)	Water content (at time of packaging)
> suncolor® circolor 100 (738xu)	100 % by wt.	spherical	0.6 - 1.2 mm	40 - 120 kg/m³	> 4.0 % by wt.	< 0.3 % by wt.

suncolor® micro (special grades available on request)

PRODUCT	Number	Granular form	Typical granulate diameter	Density range	Pentane content (at time of packaging)	Water content (at time of packaging)
> suncolor® micro blue	741u	spherical	0.6 - 1.2 mm	20 - 100 kg/m³	> 4.5 % by wt.	< 0.3 % by wt.
> suncolor® micro light blue	741Au	spherical	0.6 - 1.2 mm	20 - 100 kg/m³	> 4.5 % by wt.	< 0.3 % by wt.
> suncolor® micro yellow	742u	spherical	0.6 - 1.2 mm	20 - 100 kg/m³	> 4.5 % by wt.	< 0.3 % by wt.
> suncolor® micro green	743u	spherical	0.6 - 1.2 mm	20 - 100 kg/m³	> 4.5 % by wt.	< 0.3 % by wt.
> suncolor® micro grey	744Au	spherical	0.6 - 1.2 mm	20 - 100 kg/m³	> 4.5 % by wt.	< 0.3 % by wt.
> suncolor® micro brown	745u	spherical	0.6 - 1.2 mm	20 - 100 kg/m³	> 4.5 % by wt.	< 0.3 % by wt.
> suncolor® micro olive	746u	spherical	0.6 - 1.2 mm	20 - 100 kg/m³	> 4.5 % by wt.	< 0.3 % by wt.
> suncolor® micro anthracite	748u	spherical	0.6 - 1.2 mm	20 - 100 kg/m³	> 4.5 % by wt.	< 0.3 % by wt.

from the product group „more than EPS“

PRODUCT	Flame retardant	Typical granulate diameter	Density range	Pentane content (at time of packaging)	Water content (at time of packaging)
> suncolor® PPE	no	0.6 - 1.2 mm	25 - 150 kg/m³	> 4.5 % by wt.	< 0.3 % by wt.



more than EPS

PRODUCT	Flame retardant	Typical granulate diameter	Density range	Pentane content (at time of packaging)	Water content (at time of packaging)
> powerpor® 2	no	1.0 - 1.6 mm	13 - 30 kg/m³	≈ 6.2 % by wt.	< 0.4 % by wt.
> powerpor® 3	no	0.7 - 1.1 mm	18 - 30 kg/m³	≈ 6.3 % by wt.	< 0.4 % by wt.
> terrapor® 3 white	yes	0.6 - 1.1 mm	20 - 40 kg/m³	≈ 6.1 % by wt.	< 0.4 % by wt.
> terrapor® 3 blue	yes	0.6 - 1.1 mm	20 - 40 kg/m³	≈ 6.1 % by wt.	< 0.4 % by wt.
> terrapor® 3 green	yes	0.6 - 1.1 mm	20 - 40 kg/m³	≈ 6.1 % by wt.	< 0.4 % by wt.
> terrapor® 3 pink	yes	0.6 - 1.1 mm	20 - 40 kg/m³	≈ 6.1 % by wt.	< 0.4 % by wt.
> terrapor® 3 anthracite	yes	0.6 - 1.1 mm	20 - 40 kg/m³	≈ 6.1 % by wt.	< 0.4 % by wt.
> terrapor® 3 yellow	yes	0.6 - 1.1 mm	20 - 40 kg/m³	≈ 6.1 % by wt.	< 0.4 % by wt.
> terrapor® 4	yes	0.3 - 0.8 mm	22 - 40 kg/m³	≈ 5.8 % by wt.	< 0.4 % by wt.
> roofpor® white	yes	0.6 - 1.1 mm	25 - 35 kg/m³	≈ 6.2 % by wt.	< 0.4 % by wt.
> roofpor® blue	yes	0.6 - 1.1 mm	25 - 35 kg/m³	≈ 6.2 % by wt.	< 0.4 % by wt.
> roofpor® green	yes	0.6 - 1.1 mm	25 - 35 kg/m³	≈ 6.2 % by wt.	< 0.4 % by wt.
> suncolor® PPE	no	0.6 - 1.2 mm	25 - 150 kg/m³	> 4.5 % by wt.	< 0.3 % by wt.

more than EPS – ready for use

PRODUCT	Flame retardant	Typical granulate diameter	Bulk density	Pentane content (at time of packaging)	Water content (at time of packaging)
> sunpor® HP150	yes	1.4 - 3.15 mm	150 kg/m³	> 0.5 % by wt.	< 0.5 % by wt.
> lambdalit® 230	yes	1.8 - 3.55 mm	230 kg/m³	> 0.5 % by wt.	< 0.5 % by wt.
> lambdalit® 320	yes	1.8 - 3.15 mm	320 kg/m³	> 0.5 % by wt.	< 0.5 % by wt.
> lambdalit® 410	yes	1.8 - 3.15 mm	410 kg/m³	> 0.5 % by wt.	< 0.5 % by wt.

more circularity



PRODUCT		Recycled EPS	Flame retardant	Insulation performance	Typical granulate diameter	Density range	Pentane content (at time of packaging)	Water content (at time of packaging)
>	lambdapor® 750 R15	15 % by wt.	yes		1.1 - 1.8 mm	13 - 20 kg/m³	> 5.0 % by wt.	< 0.3 % by wt.
PRODUCT		Recycled EPS	Flame retardant	Typical granu- late diameter	Density range	Pentane content (at time of packaging)	Water content (at time of packaging)	
>	suncolor® circolor 100 (738xu)	100 % by wt.	no	0.6 - 1.2 mm	40 - 120 kg/m³	> 4.0 % by wt.	< 0.3 % by wt.	
PRODUCT		Density	Size	Colour	Ball rebound (EN 12253)	Force Reduction	Vertical Deformation	Rotational Resistance (EN15306)
>	sunpor® bio infill	200 kg/m³	2.5 - 3 mm	RAL6017	0.87 m	74 %	11.8 mm	39 Nm

Please note:

Figures quoted represent typical values. Product specifications can be found on the respective technical data sheets.

SUNPOR Kunststoff GmbH

Tiroler Straße 14

A-3105 St. Pölten

Phone: +43 (0) 2742 291 0

E-mail: office@sunpor.at

www.sunpor.at