

Product Portfolio

Revision: 04

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 | > 5.0 % by wt. | < 0.4 % by wt. |
| > sunpor [®] A321 | no | 0.7 - 1.1 mm | 15 - 30 kg/m ³ | > 5.0 % by wt. | < 0.4 % by wt. |
| > sunpor [®] A323 | no | 0.7 - 1.1 mm | 15 - 60 kg/m ³ | > 5.0 % by wt. | < 0.4 % by wt. |
| > sunpor [®] A422 | no | 0.3 - 0.8 mm | 18 - 30 kg/m ³ | > 5.0 % by wt. | < 0.4 % by wt. |
| > sunpor [®] A423 | no | 0.3 - 0.8 mm | 18 - 60 kg/m ³ | > 5.0 % by wt. | < 0.4 % by wt. |

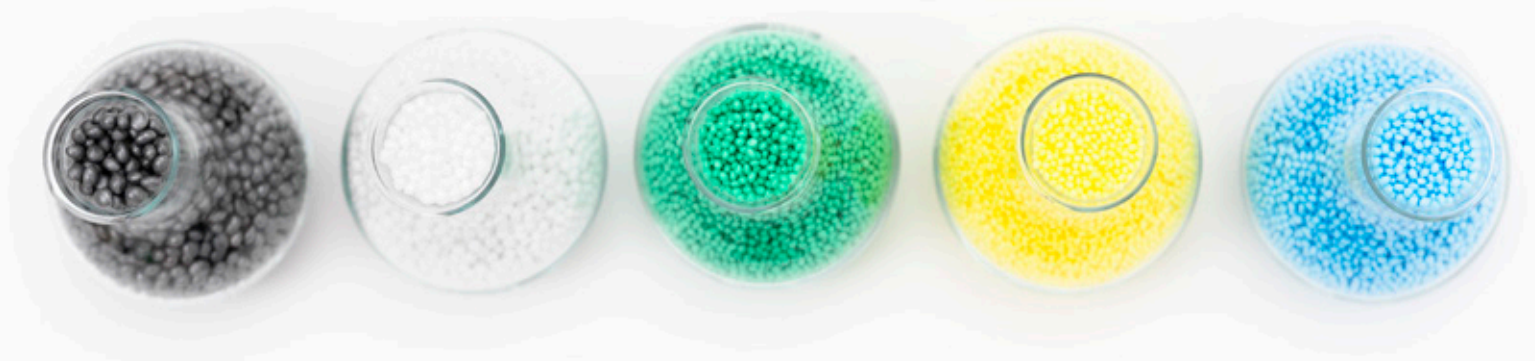
from the product group „more than EPS“

| | | | | | |
|---------------------------|----|--------------|---------------------------|----------------|----------------|
| > powerpor [®] 2 | no | 1.0 - 1.6 mm | 13 - 30 kg/m ³ | > 5.0 % by wt. | < 0.4 % by wt. |
| > powerpor [®] 3 | no | 0.7 - 1.1 mm | 18 - 30 kg/m ³ | > 5.0 % by wt. | < 0.4 % by wt. |

from the product group „more circularity“



| PRODUCT | Post-consumer recycled EPS | Flame retardant | Typical granulate diameter | Density range | Pentane content (at time of packaging) | Water content (at time of packaging) |
|-------------------------|----------------------------|-----------------|----------------------------|---------------------------|--|--------------------------------------|
| > repor [®] 33 | 33 % by wt. | no | 0.7 - 1.4 mm | 15 - 30 kg/m ³ | > 5.0 % by wt. | < 0.3 % 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/m ³ | > 5.5 % by wt. | < 0.4 % by wt. |
| > sunpor® A245 | yes | 1.0 - 1.85 mm | 14 - 20 kg/m ³ | > 5.7 % by wt. | < 0.4 % by wt. |
| > sunpor® A355 | yes | 0.6 - 1.1 mm | 15 - 25 kg/m ³ | > 5.7 % by wt. | < 0.4 % by wt. |
| > sunpor® A415 | yes | 0.3 - 0.8 mm | 12 - 18 kg/m ³ | > 5.0 % by wt. | < 0.4 % by wt. |
| > sunpor® A452 | yes | 0.3 - 0.8 mm | 18 - 30 kg/m ³ | > 5.5 % 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/m ³ | > 5.7 % by wt. | < 0.4 % by wt. |
| > terrapor® 3 blue | yes | 0.6 - 1.1 mm | 20 - 40 kg/m ³ | > 5.7 % by wt. | < 0.4 % by wt. |
| > terrapor® 3 green | yes | 0.6 - 1.1 mm | 20 - 40 kg/m ³ | > 5.7 % by wt. | < 0.4 % by wt. |
| > terrapor® 3 pink | yes | 0.6 - 1.1 mm | 20 - 40 kg/m ³ | > 5.7 % by wt. | < 0.4 % by wt. |
| > terrapor® 3 anthracite | yes | 0.6 - 1.1 mm | 20 - 40 kg/m ³ | > 5.7 % by wt. | < 0.4 % by wt. |
| > terrapor® 3 yellow | yes | 0.6 - 1.1 mm | 20 - 40 kg/m ³ | > 5.7 % by wt. | < 0.4 % by wt. |
| > terrapor® 4 | yes | 0.3 - 0.8 mm | 22 - 40 kg/m ³ | > 5.5 % by wt. | < 0.4 % by wt. |
| > roofpor® white | yes | 0.6 - 1.1 mm | 25 - 35 kg/m ³ | > 5.7 % by wt. | < 0.4 % by wt. |
| > roofpor® blue | yes | 0.6 - 1.1 mm | 25 - 35 kg/m ³ | > 5.7 % by wt. | < 0.4 % by wt. |
| > roofpor® green | yes | 0.6 - 1.1 mm | 25 - 35 kg/m ³ | > 5.7 % 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 | yes | ●● | 1.1 - 1.8 mm | 11 - 18 kg/m ³ | > 5.0 % by wt. | < 0.3 % by wt. |
| > lambdapor® 750 premium | yes | ●●● | 1.1 - 1.8 mm | 11 - 18 kg/m ³ | > 5.0 % by wt. | < 0.3 % by wt. |
| > lambdapor® 753 | yes | ●● | 0.7 - 1.3 mm | 11 - 30 kg/m ³ | > 5.0 % by wt. | < 0.3 % by wt. |
| > lambdapor® 753 premium | yes | ●●● | 0.7 - 1.3 mm | 11 - 25 kg/m ³ | > 5.0 % by wt. | < 0.3 % by wt. |
| > lambdapor® roof | yes | ●● | 0.7 - 1.3 mm | 25 - 35 kg/m ³ | > 5.0 % by wt. | < 0.3 % by wt. |
| > lambdapor® 750 STD | no | ●● | 1.1 - 1.8 mm | 11 - 18 kg/m ³ | > 5.0 % by wt. | < 0.3 % by wt. |
| > lambdapor® 750 STD premium | no | ●●● | 1.1 - 1.8 mm | 11 - 18 kg/m ³ | > 5.0 % by wt. | < 0.3 % by wt. |
| > lambdapor® micro STD | no | ●● | 0.6 - 1.2 mm | 20 - 30 kg/m ³ | > 5.0 % 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 R10 | 10 % by wt. | yes | ●● | 1.1 - 1.8 mm | 13 - 20 kg/m ³ | > 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 black | 778 | cylindrical | Ø: 0.8 mm L: 1.5 mm | 20 - 120 kg/m ³ | > 5.0 % by wt. | < 0.3 % by wt. |
| > suncolor® exquisit grey | 774A | cylindrical | Ø: 0.8 mm L: 1.5 mm | 20 - 120 kg/m ³ | > 5.0 % by wt. | < 0.3 % by wt. |
| > suncolor® protect | 768 | cylindrical | Ø: 0.8 mm L: 1.5 mm | 40 - 120 kg/m ³ | > 4.5 % by wt. | < 0.3 % by wt. |
| > suncolor® protect micro | 768xu | spherical | 0.6 - 1.2 mm | 20 - 120 kg/m ³ | > 4.5 % by wt. | < 0.3 % by wt. |
| > suncolor® superblack | 758 xu | cylindrical | 0.6 - 1.2 mm | 40 - 120 kg/m ³ | > 4.0 % by wt. | < 0.3 % by wt. |
| > suncolor® superfusion | 788 | cylindrical | Ø: 0.8 mm L: 1.5 mm | 20 - 120 kg/m ³ | > 5.0 % by wt. | < 0.3 % by wt. |

aus der Produktgruppe „more circularity“



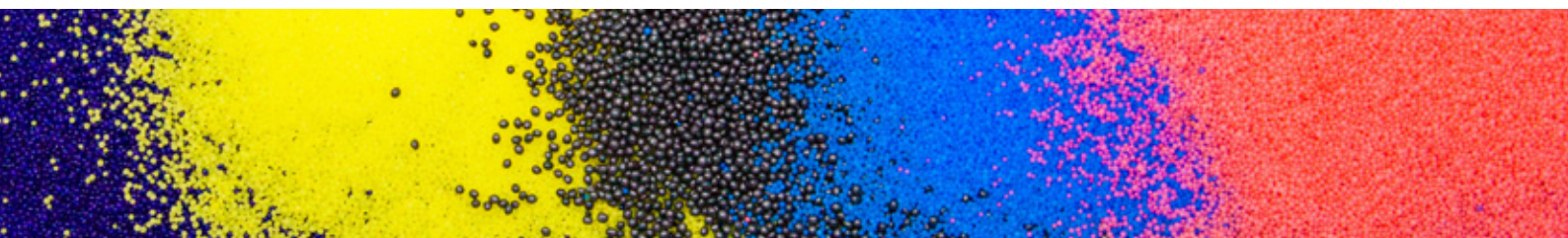
| PRODUCT | recycled EPS | Granular form | Typical granulate diameter | Density range | Pentane content (at time of packaging) | Water content (at time of packaging) |
|----------------------------------|--------------|---------------|----------------------------|----------------------------|--|--------------------------------------|
| > suncolor® circolor 100 (738xu) | 100 % by wt. | spherical | 0.6 - 1.2 mm | 40 - 120 kg/m ³ | > 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/m ³ | > 4.5 % by wt. | < 0.3 % by wt. |
| > suncolor® micro light blue | 741Au | spherical | 0.6 - 1.2 mm | 20 - 100 kg/m ³ | > 4.5 % by wt. | < 0.3 % by wt. |
| > suncolor® micro yellow | 742u | spherical | 0.6 - 1.2 mm | 20 - 100 kg/m ³ | > 4.5 % by wt. | < 0.3 % by wt. |
| > suncolor® micro green | 743u | spherical | 0.6 - 1.2 mm | 20 - 100 kg/m ³ | > 4.5 % by wt. | < 0.3 % by wt. |
| > suncolor® micro grey | 744Au | spherical | 0.6 - 1.2 mm | 20 - 100 kg/m ³ | > 4.5 % by wt. | < 0.3 % by wt. |
| > suncolor® micro brown | 745u | spherical | 0.6 - 1.2 mm | 20 - 100 kg/m ³ | > 4.5 % by wt. | < 0.3 % by wt. |
| > suncolor® micro olive | 746u | spherical | 0.6 - 1.2 mm | 20 - 100 kg/m ³ | > 4.5 % by wt. | < 0.3 % by wt. |
| > suncolor® micro anthracite | 748u | spherical | 0.6 - 1.2 mm | 20 - 100 kg/m ³ | > 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/m ³ | > 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/m ³ | > 5.0 % by wt. | < 0.4 % by wt. |
| > powerpor® 3 | no | 0.7 - 1.1 mm | 18 - 30 kg/m ³ | > 5.0 % by wt. | < 0.4 % by wt. |
| > terrapor® 3 white | yes | 0.6 - 1.1 mm | 20 - 40 kg/m ³ | > 5.7 % by wt. | < 0.4 % by wt. |
| > terrapor® 3 blue | yes | 0.6 - 1.1 mm | 20 - 40 kg/m ³ | > 5.7 % by wt. | < 0.4 % by wt. |
| > terrapor® 3 green | yes | 0.6 - 1.1 mm | 20 - 40 kg/m ³ | > 5.7 % by wt. | < 0.4 % by wt. |
| > terrapor® 3 pink | yes | 0.6 - 1.1 mm | 20 - 40 kg/m ³ | > 5.7 % by wt. | < 0.4 % by wt. |
| > terrapor® 3 anthracite | yes | 0.6 - 1.1 mm | 20 - 40 kg/m ³ | > 5.7 % by wt. | < 0.4 % by wt. |
| > terrapor® 3 yellow | yes | 0.6 - 1.1 mm | 20 - 40 kg/m ³ | > 5.7 % by wt. | < 0.4 % by wt. |
| > terrapor® 4 | yes | 0.3 - 0.8 mm | 22 - 40 kg/m ³ | > 5.5 % by wt. | < 0.4 % by wt. |
| > roofpor® white | yes | 0.6 - 1.1 mm | 25 - 35 kg/m ³ | > 5.7 % by wt. | < 0.4 % by wt. |
| > roofpor® blue | yes | 0.6 - 1.1 mm | 25 - 35 kg/m ³ | > 5.7 % by wt. | < 0.4 % by wt. |
| > roofpor® green | yes | 0.6 - 1.1 mm | 25 - 35 kg/m ³ | > 5.7 % by wt. | < 0.4 % by wt. |
| > suncolor® PPE | no | 0.6 - 1.2 mm | 25 - 150 kg/m ³ | > 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/m ³ | > 0.5 % by wt. | < 0.5 % by wt. |
| > lambdalit® 230 | yes | 1.8 - 3.55 mm | 230 kg/m ³ | > 0.5 % by wt. | < 0.5 % by wt. |
| > lambdalit® 320 | yes | 1.8 - 3.15 mm | 320 kg/m ³ | > 0.5 % by wt. | < 0.5 % by wt. |
| > lambdalit® 410 | yes | 1.8 - 3.15 mm | 410 kg/m ³ | > 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 R10 | 10 % by wt. | yes | ●● | 1.1 - 1.8 mm | 13 - 20 kg/m ³ | > 5.0 % by wt. | < 0.3 % by wt. |

| PRODUCT | Post-consumer recycled EPS | Flame retardant | Typical granulate diameter | Density range | Pentane content (at time of packaging) | Water content (at time of packaging) |
|-------------|----------------------------|-----------------|----------------------------|---------------------------|--|--------------------------------------|
| > repor® 33 | 33 % by wt. | no | 0.7 - 1.4 mm | 15 - 30 kg/m ³ | > 5.0 % by wt. | < 0.3 % by wt. |

| PRODUCT | Recycled EPS | Flame retardant | Typical granulate 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/m ³ | > 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/m ³ | 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.

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