

**COLOUR AND ADDITIVE  
SOLUTIONS FOR PACKAGING**



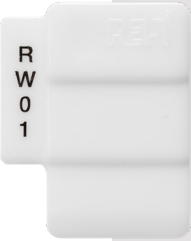








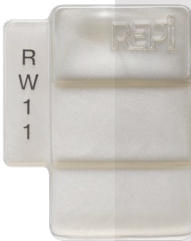






















# COLOUR AND ADDITIVE SOLUTIONS FOR PACKAGING

The present Colour Book (2<sup>nd</sup> edition), is composed by a variety of shades representing REPI's colour selection for the packaging industry.

The Book is a valid instrument for users looking for inspiration and guidance in the selection of a new colour shade for their plastic packaging, whether this is a preform or a bottle, as well as a thermoformed tray or a cap/closure.

The central layer (Layer 2) of each plaque shows the shade obtainable on a thickness of 0,25mm when dosing the liquid colour or additive at the indicated LDR. On the left an alphanumeric code identifies each product and allows to check its features and certifications by getting in contact with our team.



 <p><b>White 10013</b> LDR (%)1,000 RW01</p>	 <p><b>White 18596</b> LDR (%)1,000 RW02</p>	 <p><b>WhiteLs 10039</b> LDR (%)2,000 RW03</p>	 <p><b>PearlTr 97205</b> LDR (%)1,000 RW04</p>	 <p><b>WhitePrI 10173</b> LDR (%)1,000 RW05</p>	 <p><b>WhitePrI 10311</b> LDR (%)2,000 RW06</p>	 <p><b>Ivory 10290</b> LDR (%)1,600 RW16</p>	 <p><b>Pearl 10309</b> LDR (%)0,500 RW08</p>
 <p><b>SilverPrI 90041</b> LDR (%)1,000 RW10</p>	 <p><b>SilverPrI 90080</b> LDR (%)1,000 RW11</p>	 <p><b>GreyMet 91779</b> LDR (%)0,800 RW12</p>	 <p><b>Silver Met UV 90887</b> LDR (%)0,700 RW13</p>	 <p><b>SilverMet 90904</b> LDR (%)0,600 RW14</p>	 <p><b>Black 95273</b> LDR (%)0,450 RW15</p>	 <p><b>Black 90645</b> LDR (%)0,800 RW17</p>	 <p><b>BlackPrI 90899</b> LDR (%)1,000 RW18</p>
 <p><b>OrangeTr FI 30215</b> LDR (%)0,018 RO01</p>	 <p><b>OrangeTr UV 30254</b> LDR (%)0,080 RO02</p>	 <p><b>OrangeTr 30170</b> LDR (%)0,062 RO03</p>	 <p><b>YellowTr 22290</b> LDR (%)0,070 RO04</p>	 <p><b>Yellow 20255</b> LDR (%)1,000 RO05</p>	 <p><b>Yellow 28827</b> LDR (%)1,000 RO06</p>	 <p><b>Yellow 20438</b> LDR (%)1,000 RO07</p>	 <p><b>Orange 30207</b> LDR (%)0,500 RO08</p>
 <p><b>OrangeTr 30255</b> LDR (%)0,100 RO09</p>	 <p><b>OrangeTr 30199</b> LDR (%)0,260 RO10</p>	 <p><b>RedTr 40130</b> LDR (%)0,110 RO11</p>	 <p><b>RedTr UV 40579</b> LDR (%)0,100 RO12</p>	 <p><b>RedTr 40419</b> LDR (%)0,160 RO13</p>	 <p><b>OrangeTr PrI 30264</b> LDR (%)1,000 RO14</p>	 <p><b>OrangeTr FI 30244</b> LDR (%)0,500 RO15</p>	 <p><b>Red TrFI 40467</b> LDR (%)1,000 RO16</p>



**Violet Pri  
50130**  
LDR (%)2,000  
RR01



**Pink PriBS  
40670**  
LDR (%)2,000  
RR17



**Pink Pri  
40115**  
LDR (%)1,800  
RR03



**Pink  
40088**  
LDR (%)1,000  
RR04



**Pink Opal  
40017**  
LDR (%)0,150  
RR05



**Pink Tr  
40322**  
LDR (%)0,020  
RR06



**Pink Tr UV  
40578**  
LDR (%)0,060  
RR07



**Red Tr  
40561**  
LDR (%)0,160  
RR08



**Red TrUv  
40536**  
LDR (%)0,160  
RR09



**Red Tr  
40486**  
LDR (%)0,180  
RR10



**Red  
40019**  
LDR (%)0,900  
RR11



**Red  
40436**  
LDR (%)1,200  
RR12



**Red  
40327**  
LDR (%)2,000  
RR13



**Red LS  
40071**  
LDR (%)1,500  
RR14



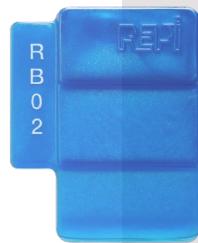
**Red Met  
40508**  
LDR (%)1,500  
RR15



**Bordeaux  
40510**  
LDR (%)1,000  
RR16



**Blue Pri  
60058**  
LDR (%)1,000  
RB01



**Blue Pri  
60102**  
LDR (%)1,000  
RB02



**Blue  
67993**  
LDR (%)0,400  
RB03



**Blue  
60649**  
LDR (%)0,800  
RB04



**Blue  
66650**  
LDR (%)0,050  
RB05



**Blue Pri  
60142**  
LDR (%)1,800  
RB06



**Blue LS  
65306**  
LDR (%)0,600  
RB07



**Blue MetUV  
60725**  
LDR (%)1,500  
RB08



**Violet Tr  
50146**  
LDR (%)0,150  
RB09



**Violet  
50169**  
LDR (%)0,300  
RB10



**Violet  
50140**  
LDR (%)1,000  
RB11



**Violet Tr  
50071**  
LDR (%)0,150  
RB12



**Pink Pri  
40577**  
LDR (%)2,000  
RB13



**Red FI  
40362**  
LDR (%)1,000  
RB14



































**Pink Pri  
40920**  
LDR (%)2,000  
RB33



























**Fuchsia Tr Pri  
40611**  
LDR (%)1,000  
RB16

 <b>Light BlueTr 97214</b> LDR (%)0,020 RB17	 <b>BlueTr 60146</b> LDR (%)0,010 RB18	 <b>Light BlueTr 98912</b> LDR (%)0,040 RB19	 <b>BlueTr 60360</b> LDR (%)0,050 RB20	 <b>VioletTr 54857</b> LDR (%)0,015 RB21	 <b>Light BlueTr 98927</b> LDR (%)0,030 RB22	 <b>BlueTr 60687</b> LDR (%)0,017 RB23	 <b>Light BlueTr 97119</b> LDR (%)0,026 RB24
 <b>Blue TrUV 60682</b> LDR (%)0,060 RB25	 <b>Light BlueTr 65267</b> LDR (%)0,020 RB26	 <b>Light BlueTr 98974</b> LDR (%)0,100 RB27	 <b>BlueTr 65246</b> LDR (%)0,040 RB28	 <b>BlueTr 97116</b> LDR (%)0,080 RB34	 <b>BlueTr 60131</b> LDR (%)0,120 RB30	 <b>BlueTr 60675</b> LDR (%)0,130 RB31	 <b>BlueTr 97049</b> LDR (%)0,110 RB32
 <b>Light BlueOpal 60029</b> LDR (%)0,080 RT01	 <b>Light BluePrI 60143</b> LDR (%)1,800 RT02	 <b>GreenTr 70352</b> LDR (%)0,008 RT03	 <b>GreenTr 70086</b> LDR (%)0,040 RT04	 <b>GreenTr 97016</b> LDR (%)0,040 RT05	 <b>GreenTr 70203</b> LDR (%)0,080 RT06	 <b>GreenTr 77281</b> LDR (%)0,030 RT07	 <b>TurquoiseTr 60149</b> LDR (%)0,060 RT08
 <b>Blue 66632</b> LDR (%)0,055 RT09	 <b>BlueTr 60409</b> LDR (%)0,050 RT10	 <b>Light BlueTr 60198</b> LDR (%)0,060 RT11	 <b>BluePrI 61233</b> LDR (%)2,500 RT17	 <b>Blue TrPrI UV 60717</b> LDR (%)0,500 RT13	 <b>Light Blue 60590</b> LDR (%)0,800 RT14	 <b>Light BlueMet 60724</b> LDR (%)0,500 RT15	 <b>Light BlueMet UV 60727</b> LDR (%)0,700 RT16

 <p><b>GreenTr 70659</b> LDR (%)0,020 RG01</p>	 <p><b>GreenTr 70537</b> LDR (%)0,040 RG02</p>	 <p><b>GreenTr 77285</b> LDR (%)0,080 RG03</p>	 <p><b>GreenTr 70237</b> LDR (%)0,080 RG04</p>	 <p><b>GreenTr 70201</b> LDR (%)0,055 RG05</p>	 <p><b>GreenTr 77278</b> LDR (%)0,070 RG06</p>	 <p><b>GreenTr 70072</b> LDR (%)0,080 RG07</p>	 <p><b>GreenTr 77234</b> LDR (%)0,085 RG08</p>
 <p><b>GreenTr 77304</b> LDR (%)0,050 RG09</p>	 <p><b>GreenTr 70018</b> LDR (%)0,020 RG10</p>	 <p><b>GreenTr 77318</b> LDR (%)0,035 RG11</p>	 <p><b>GreenTr 70243</b> LDR (%)0,028 RG12</p>	 <p><b>GreenTr 70172</b> LDR (%)0,050 RG13</p>	 <p><b>GreenTr 70643</b> LDR (%)0,060 RG47</p>	 <p><b>GreenTr Pri UV 70773</b> LDR (%)0,600 RG15</p>	 <p><b>GreenTr 70063</b> LDR (%)0,160 RG16</p>
 <p><b>GreenTr 70062</b> LDR (%)0,020 RG17</p>	 <p><b>GreenTr 97113</b> LDR (%)0,050 RG18</p>	 <p><b>GreenTr BS 70101</b> LDR (%)0,050 RG19</p>	 <p><b>GreenTr BS 70136</b> LDR (%)0,200 RG20</p>	 <p><b>GreenTr 70244</b> LDR (%)0,050 RG21</p>	 <p><b>GreenTr 70090</b> LDR (%)0,600 RG22</p>	 <p><b>Light Green 77273</b> LDR (%)1,000 RG23</p>	 <p><b>GreenPri 70603</b> LDR (%)2,000 RG24</p>
 <p><b>Green 70596</b> LDR (%)0,100 RG25</p>	 <p><b>Green 70120</b> LDR (%)1,000 RG26</p>	 <p><b>Green Met 70771</b> LDR (%)0,600 RG27</p>	 <p><b>GreenPri 70061</b> LDR (%)1,000 RG28</p>	 <p><b>Green 70647</b> LDR (%)1,200 RG29</p>	 <p><b>Green Pri 70583</b> LDR (%)1,000 RG30</p>	 <p><b>Green Met 71265</b> LDR (%)1,000 RG48</p>	 <p><b>GreenTrBs Uv 71323</b> LDR (%)0,450 RG49</p>

Online colour calibration: due to individual computer monitor limitations, on-screen colours may not accurately reflect real colour shade. Before placing any orders, please check with REPI experts.

 <p><b>Green Tr 70558</b> LDR (%)0,240 RG31</p>	 <p><b>Green Tr 97094</b> LDR (%)0,130 RG32</p>	 <p><b>Green Tr 70287</b> LDR (%)0,117 RG33</p>	 <p><b>Green Tr 70024</b> LDR (%)0,096 RG34</p>	 <p><b>Green 70486</b> LDR (%)0,700 RG35</p>	 <p><b>Green Tr BS UV 70776</b> LDR (%)0,160 RG36</p>	 <p><b>Green Tr 70539</b> LDR (%)0,087 RG37</p>	 <p><b>Green Tr 70295</b> LDR (%)0,110 RG38</p>
 <p><b>Green PrI 71091</b> LDR (%)1,500 RG50</p>	 <p><b>Green Tr 77406</b> LDR (%)0,200 RG40</p>	 <p><b>Green Tr 70047</b> LDR (%)0,200 RG41</p>	 <p><b>Green Tr BS 70165</b> LDR (%)0,400 RG43</p>	 <p><b>Green Tr BS 70251</b> LDR (%)0,400 RG44</p>	 <p><b>Green Tr BS 70079</b> LDR (%)0,300 RG45</p>	 <p><b>Green Tr BS 70779</b> LDR (%)0,230 RG46</p>	
 <p><b>Green Tr FI 70171</b> LDR (%)0,200 RY01</p>	 <p><b>Green Tr FI 70056</b> LDR (%)0,365 RY02</p>	 <p><b>Yellow Tr FI 20348</b> LDR (%)1,000 RY03</p>	 <p><b>Green PrI 70637</b> LDR (%)2,000 RY04</p>	 <p><b>Green 70789</b> LDR (%)0,900 RY05</p>	 <p><b>LightGreen 70701</b> LDR (%)1,000 RY06</p>	 <p><b>Green PrI 70617</b> LDR (%)2,000 RY07</p>	 <p><b>Yellow Tr PrI 20443</b> LDR (%)1,000 RY08</p>
 <p><b>Green 70569</b> LDR (%)1,400 RY09</p>							



**AmberTr BS**  
**98947**  
LDR (%)0,200  
RA03



**AmberTr BS BA**  
**80911**  
LDR (%)0,200  
RA10



**AmberTr**  
**80790**  
LDR (%)0,200  
RA06



**AmberTr BS BA**  
**81400**  
LDR (%)0,150  
RA13



**AmberTr Bs**  
**81245**  
LDR (%)0,150  
RA14



**AmberTr**  
**80780**  
LDR (%)0,180  
RA15



**AmberTr Bs Ba**  
**81224**  
LDR (%)0,180  
RA16



**AmberTr Bs**  
**81720**  
LDR (%)0,140  
RA17



**AmberTr BS BA**  
**80921**  
LDR (%)0,200  
RA12



**Bronze PrI**  
**80842**  
LDR (%)2,000  
RA08



**GoldPrIV**  
**28845**  
LDR (%)1,000  
RA18



**GoldPrI**  
**20582**  
LDR (%)1,800  
RA19



**Bronze PrI**  
**81331**  
LDR (%)2,000  
RA20

## ADDITIVES FOR PACKAGING

Besides colours, REPI's range for packaging comprises a variety of additives including formulations that protect packaging content from UV and light damages, as well as additives that improve customer's process efficiency. These additives can be used alone or in combination to colours to get all-in-one solutions.



**Uv Absorber**  
**00394**  
LDR (%)0,100  
AD04



**BlowingAdditive**  
**00017**  
LDR (%)0,030  
AD05



**BlowingAdditive**  
**00183**  
LDR (%)0,030  
AD06













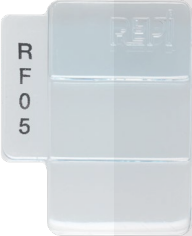




**COLOUR AND ADDITIVE SOLUTIONS FOR A CIRCULAR ECONOMY**

**REFIT** represents REPI's vision on how to integrate technology into sustainability.

Besides involving REPI's internal manufacturing processes **REFIT** offers solutions to support and improve recycling of polymers.

This section shows the range of additives and a selection of colours specifically developed for recycled packaging.

All shades moulded on 50% RPET

 <p><b>RPET</b> - LDR (%)50 RPET</p>	 <p><b>AD01</b> AntiYellow <b>00015</b> LDR (%)0,030 AD01</p>	 <p><b>AD02</b> AntiYellow <b>00201</b> LDR (%)0,030 AD02</p>	 <p><b>AD03</b> Optical Brightener <b>00011</b> LDR (%)0,030 AD03</p>
 <p><b>RF01</b> AmberTr Bs <b>81073</b> LDR (%)0,025 RF01</p>	 <p><b>RF02</b> Red TrUv <b>40680</b> LDR (%)0,360 RF02</p>	 <p><b>RF03</b> Pinktr UV <b>40932</b> LDR (%)0,180 RF03</p>	 <p><b>RF04</b> GreenTr Ba <b>71177</b> LDR (%)0,030 RF04</p>
 <p><b>RF05</b> BlueTr <b>61259</b> LDR (%)0,020 RF05</p>	 <p><b>RF06</b> Light BlueTr Uv <b>61162</b> LDR (%)0,500 RF06</p>	 <p><b>RF07</b> BlueTr <b>60956</b> LDR (%)0,050 RF07</p>	 <p><b>RF08</b> Greytr <b>95187</b> LDR (%)0,140 RF08</p>
 <p><b>RF09</b> BlackTr <b>95034</b> LDR (%)0,090 RF09</p>			

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