

Lighting Circles Solution



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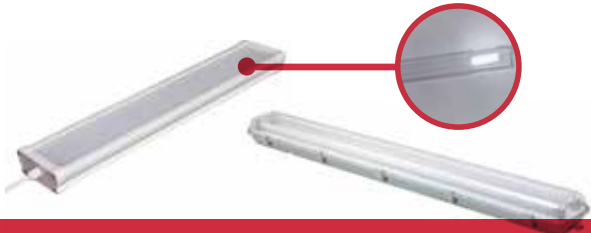
TRI-PROOF LIGHT OF SOLUTION

Source Description	Appearance
Source Waste Sheet	
Waste Sheet Flakes	
0~100% PCR PC Particles	

Grade
rPCBlend® PC-T103AU(C) PCR30%
rPCBlend® PC-T103AU(J) PCR95%

Features
Flame Retardant V-2, Hot Wire 850°C/1.5mm, Good Surface,
Weather Resistance To Uv, Cracking Resistance

Key Performance
MFR 10~20g/10min, HDT 125°C, IZOD≥60KJ/m²



Tri-proof light

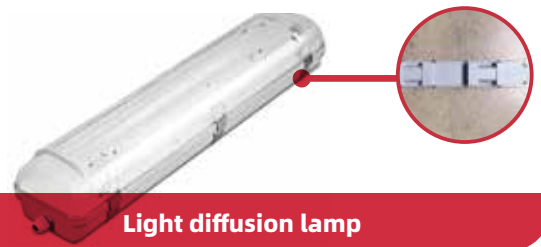
Tri-Proof Light Of Solution

Source Description	Appearance
Source Waste Sheet	
Waste Sheet Flakes	
0~100% PCR ABS Particles	

Grade
rABSBlend® ABS-NE115CU(C) PCR30%
rABSBlend® ABS-NE115CU(J) PCR95%

Features
Hot Wire 650°C/1.5mm, Good Surface,
Weather Resistance To Uv, Cracking Resistance

Key Performance
MFR 15~30g/10min, IZOD≥15KJ/m², ΔEs3.0



Light diffusion lamp

LIGHT DIFFUSION LAMP OF SOLUTION

Source Description	Appearance
Source Waste Sheet	
Waste Sheet Flakes	
0~100% PCR PC Particles	
Light diffusion 0~60% PCR PC Particles	

Grade
rPCBlend® PC-N00(LDV01)-NA PCR0%
rPCBlend® PC-N00(LDG01)-NA PCR60%

Features
Flame Retardant V-2, Hot Wire 850°C/1.5mm, Good Surface,
Weather Resistance To Uv, Cracking Resistance

Key Performance
MFR 4~7g/10min, HDT 125°C, IZOD≥40KJ/m²



Light diffusion lamp

LED PC BULB LIGHT OF SOLUTION

Source Description	Appearance
Source Waste Sheet	
Waste Sheet Flakes	
0~100% PCR ABS Particles	

Grade
rABSBlend® ABS-NE115CU(C) PCR30%
rABSBlend® ABS-NE115CU(J) PCR95%

Features
Hot Wire 650°C/1.5mm, Good Surface,
Weather Resistance To Uv, Cracking Resistance

Key Performance
MFR 15~30g/10min, IZOD≥15KJ/m², ΔEs3.0



LED PC bulb light

LIGHT DIFFUSION CEILING LAMP COVER OF SOLUTION

Source Description	Appearance
Source Waste Sheet	
Waste Sheet Flakes	
0-100% PCR PC Particles	
Light diffusion 0-60% PCR PC Particles	

Grade
 rPCBlend® PC-N00(LDV03)-NA PCR0%
 rPCBlend® PC-N00(LDG03)-NA PCR60%

Features
 Flame Retardant V-2, Hot Wire 850°C/1.5mm, Good Surface, Weather Resistance To Uv Cracking Resistance

Key Performance
 MFR 15~20g/10min, HDT 125°C, IZOD≥40KJ/m²



Light diffusion ceiling lamp cover

FLAME RETARDANT PC LAMP BASE OF SOLUTION

Source Description	Appearance
Source Waste Sheet	
Waste Sheet Flakes	
0-100% PCR PC Particles	
Flame retardant 0-85% PCR PC Particles	

Grade
 rPCBlend® PC-N00(FRV10)-WH001 PCR0%
 rPCBlend® PC-N00(FR110)-WH002 PCR85%

Features
 Silicon Toughened Low Temperature Flame Retardant, Chemical Resistance, Cracking Resistance, Good Surface, Weather Resistance And Uv Resistance, Can Also Be Customized Shading

Key Performance
 1.5mm V0, HDT 120°C, IZOD(-20°C)≥20KJ/m², IZOD (23°C)≥50KJ/m².



Flame retardant PC lamp base

LIGHT DIFFUSION CEILING LAMP COVER OF SOLUTION

Source Description	Appearance
Source Waste Sheet	
Waste Sheet Flakes	
0-100% PCR PC Particles	
Light diffusion 0-80% PCR PP Particles	

Grade
 rPPBlend® PP-T10(FRV00)-NA PCR0%
 rPPBlend® PP-T10(FRH00)-WH001 PCR80%

Features
 10% Titanium Dioxide, High Heat Resistance, Flame Retardant, High Fluidity Good Electrical Performance

Key Performance
 1.5mm V2, GWIT750°/1.5mm ,MFR 15-20g/10min



Flame retardant and light blocking PP base and frame

LED ENERGY-SAVING LAMP HOLDER OF SOLUTION

Source Description	Appearance
Source Waste Sheet	
Waste Sheet Flakes	
0-100% PCR PC Particles	
Flame retardant 0-85% PCR PC Particles	

Grade
 rPCBlend® PC-N00(FRV01)-NA PCR0%
 rPCBlend® PC-N00(FR101)-NA PCR85%

Features
 Low Temperature Flame Retardant, Chemical Resistance, Cracking Resistance, Good Surface

Key Performance
 1.5mm V0, IZOD(-20°C)≥20KJ/m², IZOD(23°C)≥50KJ/m², HDT 120°C, MFR 10g/10min



LED strip/lamp with power adapte

LED ENERGY-SAVING LAMP HOLDER OF SOLUTION

Source Description	Appearance
Waste Fishing Net	
Waste Fishing Net Flakes	
0-100% PCR PC Particles	
Light diffusion 0-80% PCR PA Particles	

Grade
 rPABlend® PA6-G30(FRV01)-NA PCR0%
 rPABlend® PA6-G30(FRF01)-WH001 PCR50%

Features
 Halogen-Free Flame Retardant V-2, Gwit 960°C/1.0mm, Good Surface, Weather Resistance, Uv Resistance, Cracking Resistance, High Modulus, High Strength

Key Performance
 IZOD≥13KJ/m², MFR 20-30g/10min, HDT 195°C
 Thermal conductivity: 0.8-1 W/(m·K).

LED ENERGY-SAVING LAMP HOLDER OF SOLUTION

Source Description	Appearance
Source Waste Sheet	
Waste Sheet Flakes	
0-100% PCR PC Particles	
Flame retardant 0-50% PCR PBT Particles	

Grade
 rPBTBlend® PBT-G30(FRV00)-NA PCR0%
 rPBTBlend® PBT-G30(FRF00)-WH001 PCR50%

Features
 Halogen-Free Flame Retardant V-0.15mm, Good Surface, Weather Resistance, Uv Resistance, Cracking Resistance, High Modulus, High Strength

Key Performance
 1.5mm V0, IZOD(-20°C)≥20KJ/m², IZOD(23°C)≥50KJ/m², HDT 120°C, MFR 10g/10min



LED ENERGY-SAVING LAMP HOLDER