



Antiviral Agent Master Batch

for PET, PC

1. Product Summary

Product name	Clear PET-TT3300	Clear PC-TT3301
Base Resin	PET	PC
Recommended Additive Amount	10% or more	14% or more
Target resin	PET	PC

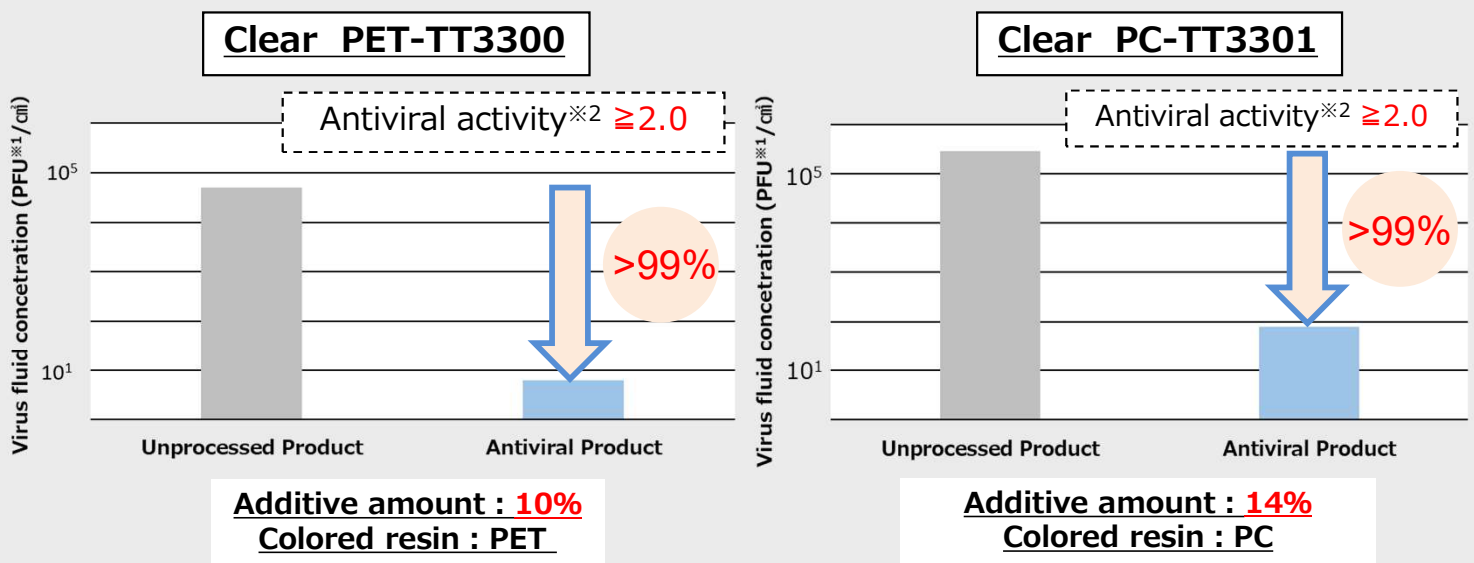
■ Principal use

- consumer electronics
- plastic building materials
- commodities
- films



This product can impart antiviral performance to PET and PC molding products

2. Antiviral Performance

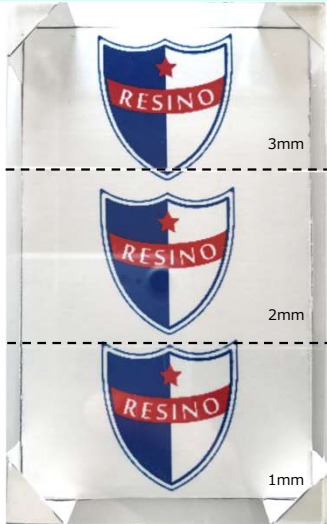
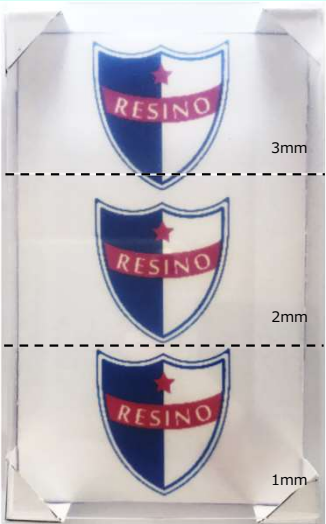
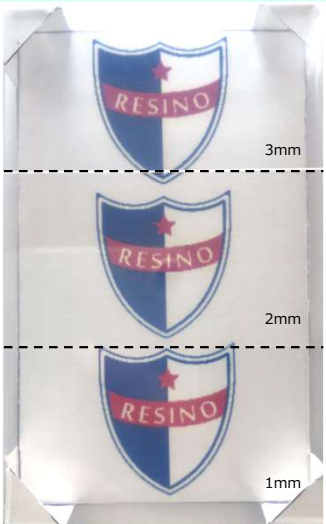


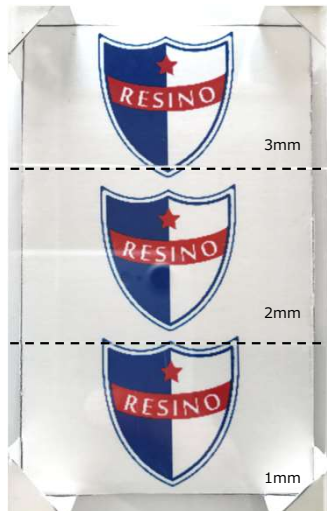
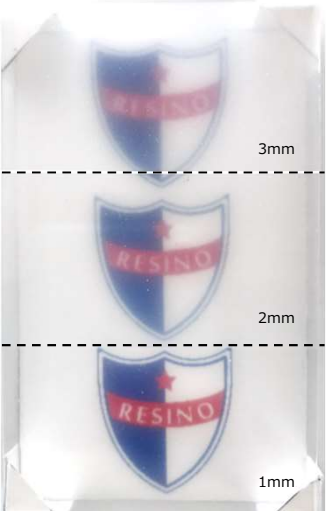
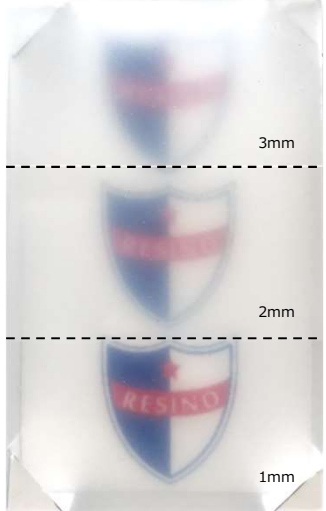
※1 PFU : Abbreviation for Plaque-forming unit
Index of virus count measured by plaque method
※2 Antiviral activity(R) : Effective at antiviral activity 2 or more
(SIAA standards)

Sample shape: INJ plate (Thickness 2.0mm)
Virus : ATCC VR-1679 (envelope)
Test method : Simple test based on ISO21702
Test division: water resistance [0]
weather resistance [0]

3.Features

- Excellent antiviral performance
- Excellent heat-resistance
- No coloration of molding products

Product name	uncolored (PET)	Clear PET-TT3300	
Additive amount (%)	-	10	14
Antiviral activity (Thickness:2mm)	-	≥ 2.0	≥ 2.0
Total Light Transmittance (%) (Thickness:1mm)	90.2	87.6	87.0
<p>Transparency</p> <p>Colored resin : PET (Thickness 3,2,1mm) Distance between Logo and INJ plate : 1cm</p>			

Product name	uncolored (PC)	Clear PC-TT3301	
Additive amount (%)	-	10	14
Antiviral activity(%) (Thickness:2mm)	-	1.5	≥ 2.0
Total Light Transmittance (%) (Thickness:1mm)	90.1	88.3	87.4
<p>Transparency</p> <p>Colored resin : PC (Thickness 3,2,1mm) Distance between Logo and INJ plate : 1cm</p>			

【Remarks】

Various data in the catalog are reference , not guaranteed values.
Please check antiviral performance of molding products using this
Master Batch.



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