

# MICROSOFT OCEAN BOUND PLASTIC SURFACE THUNDERBOLT™4 DOCK

## MICROSOFT CORPORATION

### DOCK AND POWER SUPPLY ENCLOSURES MADE WITH CERTIFIED CIRCULAR LEXAN™ PC RESIN FROM SABIC'S TRUCIRCLE™ PORTFOLIO

Microsoft Surface Thunderbolt™4 Dock is the first Surface dock & power supply in the consumer electronics market with enclosures (not including AC cable) using polycarbonate derived from advanced recycled ocean bound plastic (OBP) from SABIC's TRUCIRCLE™ portfolio.

It is a versatile USB4®/Thunderbolt™ 4 dock that helps customers to maximize workspace, delivers ultra-high speed data transfer, and has the versatility to connect and charge most important peripherals.

#### INDUSTRY CHALLENGE

Microsoft's Surface Thunderbolt™4 Dock and power supply unit required a housing material that offered equivalent performance to that of virgin plastic in terms of safety and reliability.

SABIC was able to meet these performance requirements with an ocean-bound resin solution that will help move industry efforts forward to increase recycled content use for plastics.

#### SABIC SOLUTION

- Dock and power-supply enclosures made with certified circular LEXAN™ flame retardant (FR) polycarbonate resin with 20% mass balance-attributed recycled ocean bound plastic (OBP)
- Application demonstrates feasibility of converting OBP into high-performance material used in consumer electronics, using advanced recycling
- Material offers UL94 V0 flammability and achieves EPEAT eco-labelling goals and is certified circular by ISCC PLUS.



ENHANCED AESTHETICS



CIRCULAR ECONOMY/  
CIRCULAR SOLUTIONS



OCEAN BOUND PLASTIC



CONSUMER  
ELECTRONICS



[VIEW VIDEO ABOUT OBP](#)

Enabled by  
**TRUCIRCLE™**

## CONTACT US

### SABIC HEADQUARTERS

PO Box 5101  
Riyadh 11422  
Saudi Arabia  
T +966 (0) 11 225 8000  
F +966 (0) 112259000

### EUROPE

SABIC Europe Head Office  
WTC Tower Ten, 16th floor  
Strawinskylaan 1475  
1077 XX Amsterdam  
The Netherlands  
T +31 6 11222583

### REST OF ASIA

SABIC Asia Pacific Head Office  
One Temasek Avenue  
#06-01 Millenia Tower  
Singapore 039192  
T +65 65572555  
F +65 65318101

### GREATER CHINA

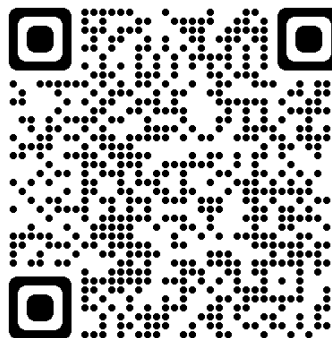
SABIC China Head Office  
2550, Xiupu Road, Pudong  
Shanghai, 201319  
China  
T +86 21 20378188  
F +86 21 20378288

### AMERICAS

SABIC Americas Head Office  
Suite 100  
2500 City West Boulevard  
Houston, TX 77042  
USA  
T +1 713 532 4999  
F +1 713 532 4994 E

TO CONTACT US FOR  
MORE INFORMATION  
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& APPLICATIONS  
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