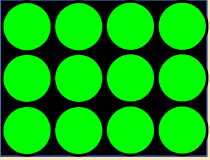
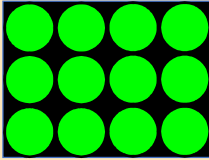
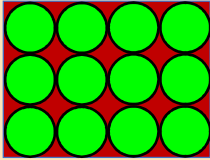
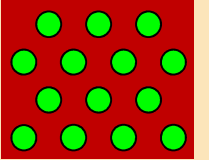
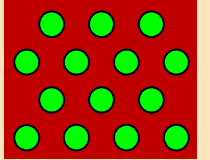
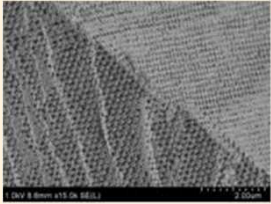
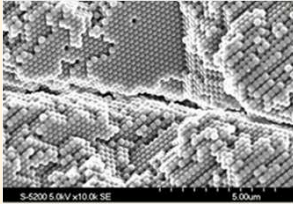
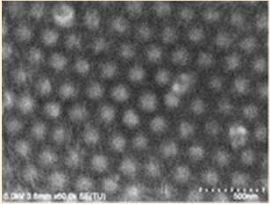





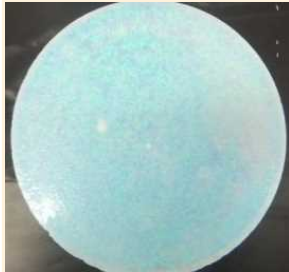



	Natural opal	Fuji Chemical Man-made opal			
		Products Item			
		Created opal	Synthetic Resin impregnated opal	Synthetic Hybrid opal	Synthetic Hybrid opal
Product name		Flawless	Neon	Standard	Aurora
Composition	SiO ₂ ·nH ₂ O	SiO ₂ ·nH ₂ O	SiO ₂ ·nH ₂ O + Resin (15-20%)	SiO ₂ ·nH ₂ O + Resin (75-85%)	SiO ₂ ·nH ₂ O + Resin (75-85%)
Specific gravity	1.90-2.20	2.20-2.25	1.88-1.92	1.25-1.35	1.25-1.35
Resistance to heat	-	1,200°C	140°C	140°C	140°C
Hardness	Mohs 6.5	Mohs 6.5	Mohs 4	Pencil hardness 4-5H	Pencil hardness 3-5H
Water content	2-12 %	0 %	0 %	0 %	
Resistance to Chemicals		Alcohol: Pass Acetone: Pass	Alcohol: Pass Acetone: NG	Alcohol: Pass Acetone: NG	
Light resistance : ISO 12780				Pass	
UV(30W x 15cm) For 1750 h				No color change	
Structuer of packing					
	Closest packing structure	Closest packing Structure	Closest packing structure	Charged repulsion structure	Charged repulsion structure

		Fuji Chemical Man-made opal			
Natural opal		Created opal	Products Item		
			Synthetic Resin impregnated opal	Synthetic Hybrid opal	
Product name		Flawless	Neon	Standard	Aurora
SEM Structure of packing		No Photo			
Pattern Play of color	Irregular pattern 	Columnar shape 	Columnar shape 	Irregular pattern 	Broad Flash 
Rough Size	Irregular size	Irregular size	MAX 230Φ t=10-17mm 	180*120*45 About 1,250 g 	110*110*40 About 650 g 