



## Typical Properties

	Remasil 48	Remasil 50	Remasil 60
<b>Chemical</b>			
Al <sub>2</sub> O <sub>2</sub>	46.8% (46.0 min.)	46.6% (46.0 min.)	58.6% (58.0 min.)
SiO <sub>2</sub>	50.0%	51.2%	37.8%
TiO <sub>2</sub>	1.9%	0.6%	2.21%
Fe <sub>2</sub> O <sub>3</sub>	0.95% (1.0 max.)	0.8% (1.0% max.)	1.13% (1.35 max.)
CaO	0.04%	-	0.06%
MgO	0.08%	-	0.07%
Na <sub>2</sub> O	0.09%	0.11%	0.07%
K <sub>2</sub> O	0.09%	0.11%	0.04%
P <sub>2</sub> O <sub>5</sub>	0.09%	-	0.10%
<b>Physical</b>			
Apparent Specific Gravity	2.62	-	2.80 (2.75 min.)
Average Bulk Density (kg/m <sup>3</sup> )	1554	-	1746
PCE	35 (1785°C)	-	37 (1820°C)
Coefficient of Thermal Expansion in 15-1016°C (mm/°C)	9.5 x 10 <sup>-6</sup>	-	8.1 x 10 <sup>-6</sup>
Porosity	3.70	-	3.20
<b>Mineralogy</b>			
Mullite	65%	55% min.	77%
Glass	20%	-	23%
Cristoblite	15%	-	Trace

## Typical Particle Size Distribution - Remasil 48 & 60

Mesh	RG20	RG25	RG30	RG40	RG50	RG70	RG100	RP200	RP325CG
+14	Tr								
+16	16	<1	Tr	Tr					
+20	69	48	24	14	Tr				
+30	14	38	50	40	6				
+40	1	12	23	39	33	Tr			
+50		1	2	6	51	20			
+60						34			
+70				1	9	26	Tr		
+80						14			
+100	Tr	Tr	<1	Tr	1	5		Tr	Tr
+140							92		
+200						1	8	25	
+325									25
Pan	Tr	Tr	Tr	Tr	Tr	Tr	Tr	75	75

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### Typical Particle Size Distribution - Remasil 50

Mesh	16-30	30-60	200
+16	2		
+20	59	Tr	
+25	26	11	
+35	13	58	
+50	<1	30	
+120	Tr	<1	
+140			1
+200			10
+230			13
+270			27
+325			15
+400			18
Pan	Tr	Tr	16

### Storage and Handling

Store in a cool, dry and well ventilated location.

### Health and Safety

Read SDS prior to use.

### Tariff Code

25083000 - Fireclay

### Packaging

Packed in:

Remasil 48 & 60	22.6kg Bags
Remasil 50	25kg Bags

### Disposal

Dispose of in compliance with all local and national regulations.

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