

PLASTICS for HEAT TREATING & FORGING

PHOS-BONDED PLASTIC

Products	Chemistry (%)				Density (1500°F)		C.C.S. (815°C)		Temp. Limit		Installation Method
	Al ₂ O ₃	SiO ₂	ZrO ₂	SiC	g/cm ³	lb/ft ³	MPa	psi	°C	°F	
CW 55 HS PLASTIC	58.1	36.3			2.55	159	0.00		1649	3000	Pneumatic Ram
BLU-PAK PLASTIC	71	21.4			2.74	171	0.00		1704	3100	Pneumatic Ram
CENTURION PLASTIC	71.3	20.6			2.74	171	32.38	4,700	1760	3200	Pneumatic Ram
CW 70 HS PLASTIC	68.4	24.6			2.66	166	31.01	4,500	1760	3200	Pneumatic Ram
CW 85 HS PLASTIC	83.8	9			2.92	182	0.00		1760	3200	Pneumatic Ram
CW 85 HS PLASTIC X	82	10			2.92	182	0.00		1760	3200	Pneumatic Ram
CW 95 HS PLASTIC	93.9	2.8			3.09	193	0.00		1760	3200	Pneumatic Ram
TEK-PAK 80 SiC	11	2.7		81.6	2.68	167	37.90	5,500	1500	2732	Pneumatic Ram
CW 55 HS PLASTIC	58.1	36.3			2.55	159	0.00		1649	3000	Pneumatic Ram

AIR SET PLASTIC

Products	Chemistry (%)		Density (1500°F)		C.C.S. (815°C)		Temp. Limit		Installation Method
	Al ₂ O ₃	SiO ₂	g/cm ³	lb/ft ³	MPa	psi	°C	°F	
PS SUPER PLASTIC	44.3	49.6	2.16	135	13.78	2,000	1704	3100	Pneumatic Ram
BRICKMIX 61	60.5	33	2.45	153	0.00		1649	3000	Pneumatic Ram
BRICKMIX 71	69.5	23.7	2.52	157	0.00		1760	3200	Pneumatic Ram
BRICKMIX 81	80.9	14.9	2.40	150	0.00		1760	3200	Pneumatic Ram

