

PLASTICS for HEAT TREATING & FORGING

PHOS-BONDED PLASTIC

Products	Chemistry (%)			Density 815°C (1500°F)		CCS 815°C (1500°F)		Temp. Limit		Installation Method
	Al ₂ O ₃	SiO ₂	SiC	g/cm ³	lb/ft ³	MPa	psi	°C	°F	
RAM MAX® BR 70 P BLUE	69.8	23.4	-	2.56	164	-	-	1760	3200	Pneumatic Ram
RAM MAX® 70 P	69.1	22.8	-	2.66	166	-	-	1760	3200	Pneumatic Ram
RAM MAX® 75 P	72.3	19.7	-	2.74	171	32.38	4700	1760	3200	Pneumatic Ram
RAM MAX® 85 P	83.8	9.0	-	2.92	182	31.01	4500	1760	3200	Pneumatic Ram
RAM MAX® 85 P FINE	82.0	11.1	-	2.92	182	-	-	1760	3200	Pneumatic Ram
RAM MAX® 90 P	87.4	7.1	-	3.09	193	-	-	1815	3300	Pneumatic Ram
RAM MAX® 95 P	92.1	4.1	-	3.09	193	-	-	1760	3200	Pneumatic Ram
TEK-PAK 80 SiC	11.0	2.7	81.6	2.68	167	37.90	5500	1500	2730	Pneumatic Ram

AIR SET PLASTIC

Products	Chemistry (%)		Density 815°C (1500°F)		CCS 815°C (1500°F)		Temp. Limit		Installation Method
	Al ₂ O ₃	SiO ₂	g/cm ³	lb/ft ³	MPa	psi	°C	°F	
RAM MAX® 45 AS	52.7	42.2	2.24	146	13.78	2000	1649	3000	Pneumatic Ram
RAM MAX® 60 AS	57.0	38.0	2.56	160	-	-	1650	3000	Pneumatic Ram
RAM MAX® 65 AS	62.5	32.8	2.79	174	-	-	1815	3300	Pneumatic Ram
RAM MAX® 80 AS	78.0	16.4	2.72	170	-	-	1760	3200	Pneumatic Ram
RAM MAX® 90 AS	91.8	7.2	2.79	174			1815	3300	Pneumatic Ram

