

SPARTAN CA

FOR COATED ABRASIVES

CODE : 1403

Description

Produced by fusion process, **Spartan CA** is a new, low ratio Alumina-Zirconia grain. It designs to out-perform the fused Alundums for lifetime and Material Remove Rate in medium to fine finishing applications of Coated Abrasives.

Physical Properties: (Typical)

Specific Gravity	4.17 g/cm ³
Melting Point	1900-2050 °C
Vickers Hardness	19-22 GPA for 50 gram load
Loose Packed Density	<1.90g/cm ³

Particle Size Distribution*&Loose Packed Density

Grit	Particle Size Distribution							LPD
	Sieve No:	30	40	45	50	60	-60	
P50	Spec	0	3-10	36-52	80-92	94+	0-6	<1.90
	Sieve No:	35	45	50	60	70	-70	
P60	Spec	0	0-7	15-35	56-74	92+	0-8	<1.87
	Sieve No:	45	60	70	80	100	-100	
P80	Spec:	0	0-7	15-35	56-74	92min	8max	<1.89
	Sieve No:	50	70	80	100	120	-120	
P100	Spec	0	0-1	10-18	52-70	92min	8max	<1.85
	Sieve No:	70	100	120	140	170	-170	
P120	Spec	0	0-7	34-50	80-92	96min	4max	<1.86
	Sieve No:	80	120	140	170	200	-200	
P150	Spec	0	0-3	20-32	66-84	96min	4max	<1.81
	Sieve No:	100	140	170	200	230	-230	
P180	Spec	0	0-2	10-20	50-74	90min	10max	<1.81
	Sieve No:	120	170	200	230	270	-270	
P220	Spec	0	0-2	10-20	50-74	90min	10max	<1.74

*Modified FEPA P

Packing Term

25 KG / Paper bag

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