

CANFIELD & JOSEPH

Abrasive Characteristics Comparison

MATERIAL	MESH SIZE	SHAPE	DENSITY (lbs/ft3)	MOHS	FRIABILITY	INIT. COST	NO. OF CYCLES	PER USE COST	SOURCE	TYPICAL APPLICATIONS
COAL SLAG	12-65	▲	75-100	6-7	High	Low	1-2	Low	B-P	Outdoor blast cleaning Paint & Rust Removal
STAR-BLAST	80-100	▲	143-148	6.50-7.0	High	Low	1-2	Low	Nat.	Outdoor Blast Cleaning Rust, Mill Scale & Coating Removal
STEEL GRIT	10-325	▲	230	40-60 Rc	Low	High	50+	Med.	Mfg.	Removing Heavy Rust Scale. Very Aggressive Profile.
STEEL SHOT	8-200	●	280	40-60 Rc	Low	High	200+	Low	Mfg.	Cleaning, Peening, Air & Wheel Blast on Hard Surfaces
ALUMINUM OXIDE	12-325	▲	125	8.0-9.0+	Med.	High.	6-8	Med.	Mfg.	Fast Cleaning, Deburring, Etching & Paint Removal
GLASS BEAD	10-400	●	85-90	5.5	Med.	Med.	8-10	Low	Mfg.	Air Blast Cleaning, Peening, Polishing, with Bright Finish
PLASTIC	12-80	▲	45-60	3.0-4.0	Low/Med.	High	1-3	Med.	Mfg.	Paint Stripping, Deburring, Cleaning, De-Flashing, Non-Etching
CRUSHED GLASS	8-400	▲	75-100	6	High	High	1-2	Low	Mfg	Paint Stripping, Cleaning, Coating Removal
CORN COB	8-40	▲	35-45	2.0-4.5	Med.	Low	4-5	Low	B-P	Removing Paint from Delicate Surfaces
GARNET	16-320	▲	130	7.5-8	Low/Med.	Med..	3-5	Low	Nat.	Blasting, Waterjet, Cutting

▲ Angular ● Spherical

From bag quantities to truckloads, Canfield & Joseph can supply all your blast abrasive media. We deal with reputable suppliers such as US-Minerals, Harsco, and Ervin Industries. But if you're not sure about what's right for your application, just contact us. We're experts!