

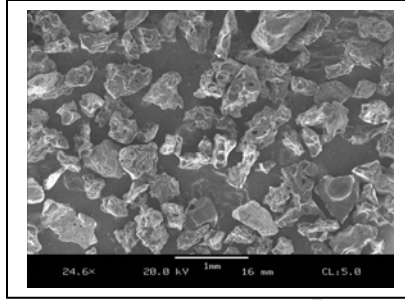


Hard Carbon for Friction Formulations

Various Carbon Based materials are used by today’s friction formulators. Asbury has developed a series of “Hard Carbons” for use in those formulations. Graphite and regular cokes are used for their lubrication and to stabilize the friction. The “Hard Carbons” listed below have unique properties as they will offer different springback, friction and wear properties than standard coke and graphite materials. Hard carbons also offer an excellent source of carbon filler for the friction under layer.

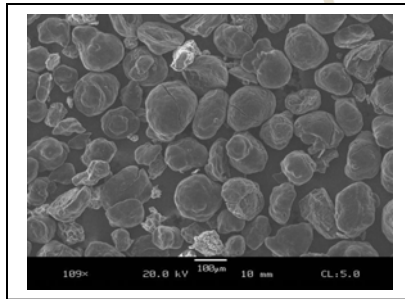
Hard Carbon - Irregular

This material has anisotropic grains and comes sized to your needs.



Hard Carbon - Regular

This material has more of a regular grain size / structure and very minimal porosity.



Grades and Attributes

	HC 50 80	HC 30 200	HC -200	HC 262	HC 4335	HC 4339
Carbon (Min)	85	Cell	Cell	Cell	Cell	Cell
Sizing (Typical)	50 x 80 mesh	30 x 200 mesh	- 200 mesh	50 x 200 mesh	30 x 200 mesh	30 x 200 mesh
Springback %	8 - 10	8 - 10	8 - 10	10 - 12	10 - 12	12 - 14
Shape	Irregular	Irregular	Irregular	Regular	Regular	Regular

Be Safe, Be Smart – Use Asbury Carbons for your friction formulations



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