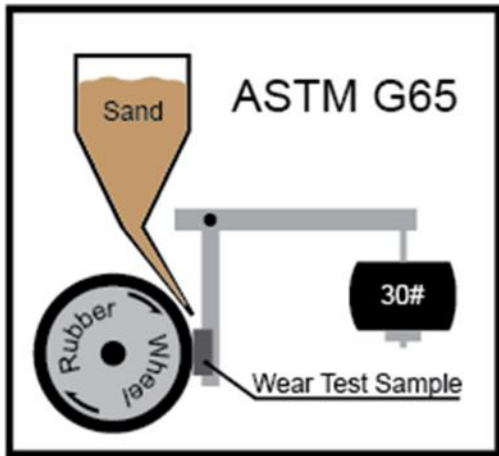


ASTM G65A Abrasion Tests Results



- The coated sample is weighed before testing.
- The sample is pressed against a 9" diameter rubber wheel at a 30lb load.
- The wheel spins 6,000 revolutions while Quartz Sand is poured between it and the sample.
- The sample is weighed again to calculate volume loss in cubic millimeters. Lower numbers indicate better wear resistance.

Process	Material	Chemistry	Vol Loss	HV300
HVAF M2h	S100/4	86%WC/10%Co/4%Cr	2.7 mm ³	1129
HVAF M4	S100/4	86%WC/10%Co/4%Cr	2.8 mm ³	1058
HVOF JP5000	OTHER	86%WC/10%Co/4%Cr	3.6 mm ³	1086
HVAF M4	S400	75%Cr ₃ C ₂ /25%NiCr	14.0 mm ³	961

