

PHYSICAL AND  
MECHANICAL  
PROPERTIES  
GUIDE



**ROKIDE**  
Ceramic Spray System

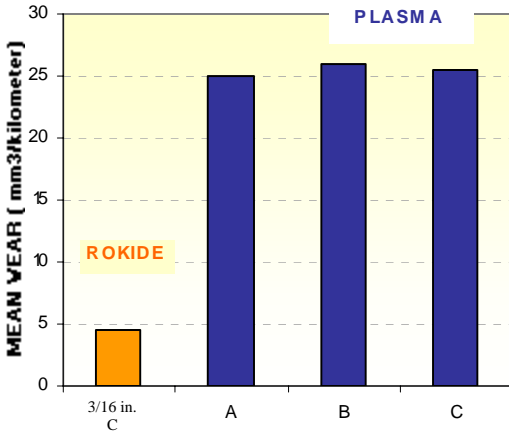
COATING TYPE	COLOR	CRYSTAL PHASE	DENSITY G/CC	COATING HARDNESS (300G/LOAD) (VICKERS/DPH)	POROSITY ( TOTAL)	BOND STRENGTH (PSI)	SAND BLAST PENETRATION DEPTH/ MM	FALEX WEARTEST (MM <sup>3</sup> /KMS)
ROKIDE A (Aluminum Oxide)	White	Gamma alumina	3.2	772	12.0	3374	.02265	47.9
ROKIDE HPA (Aluminum Oxide)	White	Gamma alumina	3.2	750	10.4	3841	.0348	156.2
ROKIDE MBA (Aluminum Oxide)	Grey/ white	Gamma alumina	3.3	737	9.5	3206	.0113	34.4
ROKIDE C (Chrome Oxide)	Black	Eskolaite	4.5	1215	8.4	4545	.0016	3.3
ROKIDE MBC (Chrome Oxide)	Black	Eskolaite + 2nd phase	4.2	1003	9.8	4525	.0054	7.9
ROKIDE TC ( Chrome Oxide)	Black	Eskolaite	4.0	793	7.9	4186	.0039	6.2
ROKIDE EZ (Zirconium Oxide)	Tan	Cubic zirconia	4.8	694	8.6	4621	.0148	97.2

(Continued on back)

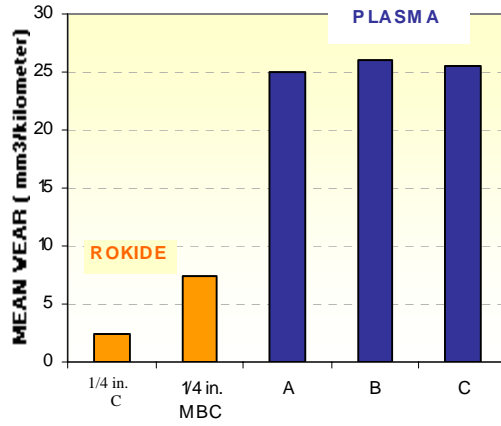


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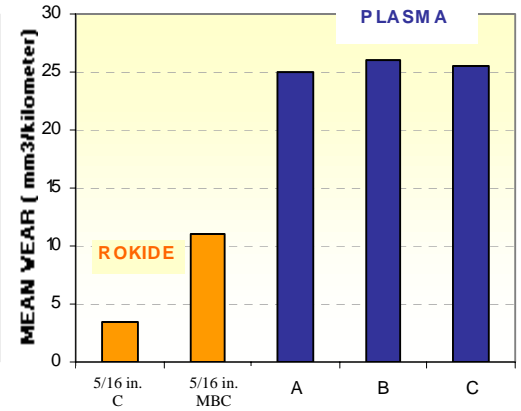
Dry Abrasion Wear (ASTM G65) of ROKIDE and Plasma Chrome Oxide Coating



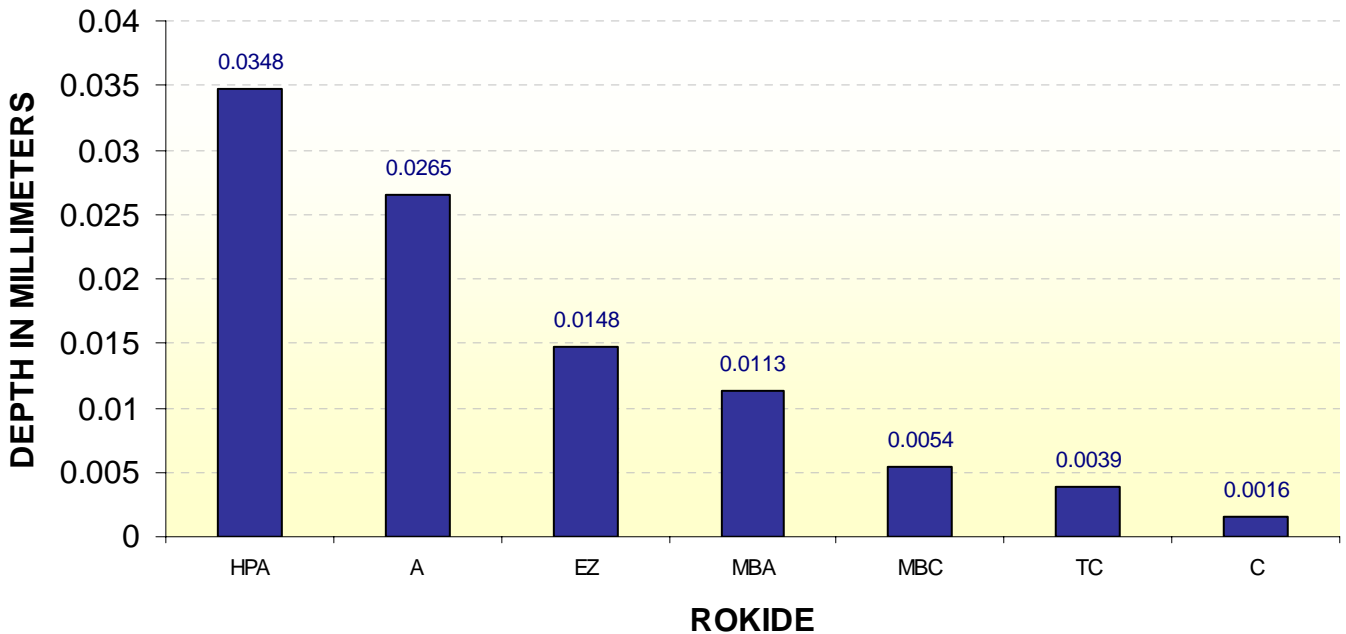
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## SAND BLAST PENETRATION ROKIDE Coatings



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